



# Industrial Fittings

Trade Price Guide



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## Pricing

List Price is per unit. All prices exclude GST.

If you are requiring an item that you do not see listed in this booklet, please contact our customer service team on 1800 810 803.

## Terms and Conditions

No party should rely upon the contents of this publication as to the fitness of any particular product for any particular use or application. Goods are offered with the benefit of the manufacturers warranty but Reliance Worldwide Corporation (Aust.) Pty. Ltd. shall not be liable for any loss or damage either direct or consequential arising out of any defects.

Reliance Worldwide Corporation reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.

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## Installation

Installation is subject to the requirements of the applicable regulatory authority, the National Construction Code Volume Three – Plumbing Code of Australia, associated reference standards as applicable at the time and AS/NZS 3500. For further Scope of Use, please visit [www.tubefit.com.au/downloads](http://www.tubefit.com.au/downloads)

## Reliance Worldwide Corporation Warranty

Reliance Worldwide Corporation reserves the right to modify designs and specifications and to withdraw and introduce products at any time without notice.

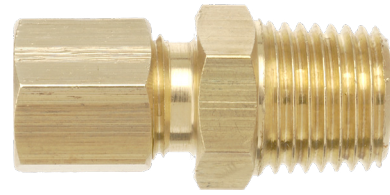
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## Style and Description

Standard Compression fittings are a good option for connecting tube in applications involving minor vibration.

Comprising of 3 pieces – nut, sleeve and a body, Standard Compression fittings are a popular choice amongst tradesmen because of the many application possibilities the product offers (not gas), only minimal tube preparation is required and specialist tools are not needed to effect a sound joint.



## Working Pressure

0-3500kPa depending upon tube size and media.

## Media / Application

- ✓ Compressed air lines
- ✓ Water
- ✓ Fuel lines
- ✓ Oil lines
- ✓ Lubrication lines
- ✗ Gas

## Construction

- Compression nut
- Universal sleeve
- Compression body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R Series) Parallel Female (Rp Series)
- Pipe Thread NPT

## Tube

- ✓ Nylon
- ✓ Poly tube
- ✓ Copper – Annealed and hard drawn
- ✓ Aluminium
- ✓ Brass
- ✗ Steel Bundy
- ✗ Stainless steel

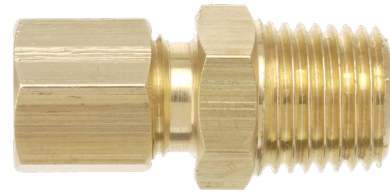
## Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. If using metallic tube, move to point 3. If using non-metallic tube, insert the appropriate TubeFit No. 99 spigot into the end of the tube.
3. Loosen nut ½" turn and insert tube into the mouth of the fitting. Ensure the tube passes through the sleeve and rests against the tube stop. (The tube is resting against the tube stop when the tubing can no longer be inserted any further into the body of the fitting).
4. From finger tight, tighten nut to 'spanner firm' position.  
(Caution: do not over-tighten.)
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.

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## 100 Universal Compression Sleeve

Order Code	Tube	RRP	List Price
01100-02	1/8"	0.62	0.41
01100-03	3/16"	0.56	0.37
01100-04	1/4"	0.50	0.33
01100-05	5/16"	0.65	0.43
01100-06	3/8"	0.75	0.50
01100-08	1/2"	1.25	0.83
01100-10	5/8"	3.14	2.09
01100-12	3/4"	3.48	2.32



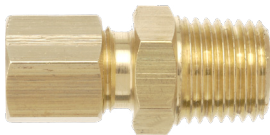
## 1 Compression Sleeve – For Metal Tube

Order Code	Tube	RRP	List Price
01001-02	1/8"	0.57	0.38
01001-03	3/16"	0.62	0.41
01001-04	1/4"	0.50	0.33
01001-05	5/16"	0.65	0.43
01001-06	3/8"	0.75	0.50
01001-08	1/2"	1.25	0.83



## 2 Compression Nut

Order Code	Tube	RRP	List Price
01002-02	1/8"	1.05	0.70
01002-03	3/16"	1.16	0.77
01002-04	1/4"	1.22	0.81
01002-05	5/16"	1.58	1.05
01002-06	3/8"	1.94	1.29
01002-08	1/2"	2.72	1.81



## 3 Male Connector

Order Code	Tube x BSPT	RRP	List Price
01003-0202	1/8" x 1/8"	3.50	2.33
01003-0204	1/8" x 1/4"	8.90	5.93
01003-0302	3/16" x 1/8"	3.48	2.32
01003-0304	3/16" x 1/4"	5.30	3.53
01003-0402	1/4" x 1/8"	3.62	2.41
01003-0404	1/4" x 1/4"	4.50	3.00
01003-0406	1/4" x 3/8"	6.84	4.56
01003-0408	1/4" x 1/2"	15.95	10.63
01003-0502	5/16" x 1/8"	4.43	2.95
01003-0504	5/16" x 1/4"	5.46	3.64
01003-0506	5/16" x 3/8"	7.91	5.27
01003-0602	3/8" x 1/8"	6.36	4.24
01003-0604	3/8" x 1/4"	6.02	4.01
01003-0606	3/8" x 3/8"	7.14	4.76
01003-0608	3/8" x 1/2"	10.73	7.15
01003-0804	1/2" x 1/4"	10.14	6.76
01003-0806	1/2" x 3/8"	9.44	6.29
01003-0808	1/2" x 1/2"	12.39	8.26



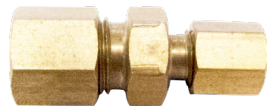
## 99 Tube Spigot

Order Code	Tube OD x ID	RRP	List Price
05100-03	3/16" x .125	1.34	0.89
05100-04	1/4" x .168	1.40	0.93
05100-05	5/16" x .214	2.91	1.94
05100-06	3/8" x .258	2.36	1.57
05100-08	1/2" x .347	2.22	1.48
05100-10	5/8" x .495	10.73	7.15
05100-YL04	1/4" x .147	5.73	3.82
05100-YL05	5/16" x .186	5.73	3.82
05100-YL06	3/8" x .224	5.16	3.44
05100-YL08	1/2" x .303	4.25	2.83



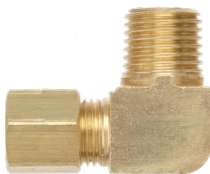
## 4 Tube Union

Order Code	Tube	RRP	List Price
01004-03	3/16"	5.69	3.79
01004-04	1/4"	6.32	4.21
01004-05	5/16"	8.07	5.38
01004-06	3/8"	9.17	6.11
01004-08	1/2"	15.29	10.19



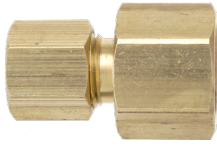
## 4R Reducing Tube Union

Order Code	Tube x Tube	RRP	List Price
01004-0402	1/4" x 1/8"	23.40	15.60
01004-0403	1/4" x 3/16"	13.13	8.75
01004-0504	5/16" x 1/4"	13.32	8.88
01004-0604	3/8" x 1/4"	14.28	9.52
01004-0605	3/8" x 5/16"	14.28	9.52
01004-0804	1/2" x 1/4"	27.08	18.05
01004-0806	1/2" x 3/8"	18.15	12.10



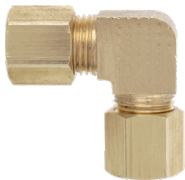
## 5 Male Elbow

Order Code	Tube x BSPT	RRP	List Price
01005-0202	1/8" x 1/8"	11.97	7.98
01005-0302	3/16" x 1/8"	8.81	5.87
01005-0304	3/16" x 1/4"	14.52	9.68
01005-0402	1/4" x 1/8"	8.43	5.62
01005-0404	1/4" x 1/4"	11.72	7.81
01005-0406	1/4" x 3/8"	16.55	11.03
01005-0502	5/16" x 1/8"	10.20	6.80
01005-0504	5/16" x 1/4"	12.26	8.17
01005-0506	5/16" x 3/8"	19.56	13.04
01005-0602	3/8" x 1/8"	14.18	9.45
01005-0604	3/8" x 1/4"	12.68	8.45
01005-0606	3/8" x 3/8"	15.92	10.61
01005-0608	3/8" x 1/2"	29.34	19.56
01005-0804	1/2" x 1/4"	18.30	12.20
01005-0806	1/2" x 3/8"	18.75	12.50
01005-0808	1/2" x 1/2"	22.98	15.32



### 10 Female Connector

Order Code	Tube x BSP	RRP	List Price
01010-0202	1/8" x 1/8"	6.95	4.63
01010-0302	3/16" x 1/8"	6.36	4.24
01010-0304	3/16" x 1/4"	11.58	7.72
01010-0402	1/4" x 1/8"	6.95	4.63
01010-0404	1/4" x 1/4"	8.07	5.38
01010-0406	1/4" x 3/8"	19.35	12.90
01010-0502	5/16" x 1/8"	21.89	14.59
01010-0504	5/16" x 1/4"	12.00	8.00
01010-0602	3/8" x 1/8"	14.18	9.45
01010-0604	3/8" x 1/4"	14.28	9.52
01010-0606	3/8" x 3/8"	9.60	6.40
01010-0608	3/8" x 1/2"	13.35	8.90
01010-0804	1/2" x 1/4"	25.74	17.16
01010-0806	1/2" x 3/8"	19.83	13.22
01010-0808	1/2" x 1/2"	20.66	13.77



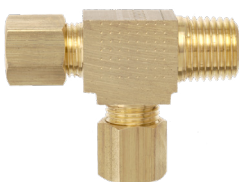
### 11 Tube Elbow

Order Code	Tube	RRP	List Price
01011-02	1/8"	17.82	11.88
01011-03	3/16"	17.28	11.52
01011-04	1/4"	14.18	9.45
01011-05	5/16"	14.90	9.93
01011-06	3/8"	17.00	11.33
01011-08	1/2"	26.06	17.37



### 12 Male Branch Tee

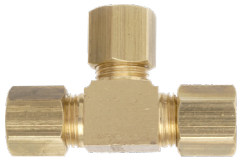
Order Code	Tube x BSPT	RRP	List Price
01012-0302	3/16" x 1/8"	28.32	18.88
01012-0402	1/4" x 1/8"	20.31	13.54
01012-0404	1/4" x 1/4"	21.48	14.32
01012-0502	5/16" x 1/8"	27.11	18.07
01012-0504	5/16" x 1/4"	22.82	15.21
01012-0602	3/8" x 1/8"	37.26	24.84
01012-0604	3/8" x 1/4"	31.77	21.18
01012-0606	3/8" x 3/8"	31.77	21.18
01012-0804	1/2" x 1/4"	38.91	25.94
01012-0806	1/2" x 3/8"	49.16	32.77
01012-0808	1/2" x 1/2"	53.66	35.77



### 13 Male Run Tee

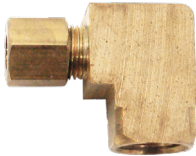
Order Code	Tube x BSPT	RRP	List Price
01013-0402	1/4" x 1/8"	23.42	15.61
01013-0404	1/4" x 1/4"	20.64	13.76
01013-0504	5/16" x 1/4"	21.02	14.01
01013-0604	3/8" x 1/4"	23.03	15.35
01013-0606	3/8" x 3/8"	40.02	26.68
01013-0806	1/2" x 3/8"	71.36	47.57





### 14 Tube Tee

Order Code	Tube	RRP	List Price
01014-02	1/8"	20.25	13.50
01014-03	3/16"	18.99	12.66
01014-04	1/4"	18.05	12.03
01014-05	5/16"	20.66	13.77
01014-06	3/8"	22.64	15.09
01014-08	1/2"	33.32	22.21



### 15 Female Elbow

Order Code	Tube x BSP	RRP	List Price
01015-0302	3/16" x 1/8"	16.56	11.04
01015-0402	1/4" x 1/8"	14.82	9.88
01015-0502	5/16" x 1/8"	29.22	19.48
01015-0504	5/16" x 1/4"	20.12	13.41
01015-0604	3/8" x 1/4"	16.79	11.19
01015-0606	3/8" x 3/8"	36.66	24.44
01015-0806	1/2" x 3/8"	31.64	21.09
01015-0808	1/2" x 1/2"	45.03	30.02



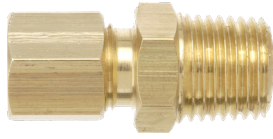
### 31 Bulkhead Union

Order Code	Tube	RRP	List Price
01031-04	1/4"	25.74	17.16
01031-05	5/16"	28.47	18.98
01031-06	3/8"	39.45	26.30



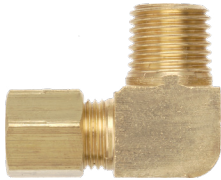
### 31F Female Bulkhead Union

Order Code	Tube x BSP	RRP	List Price
01031-F0402	1/4" x 1/8"	16.56	11.04



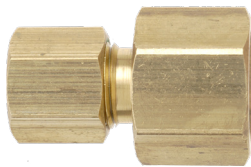
### 3 NPT Male Connector

Order Code	Tube x NPT	RRP	List Price
68x2x1	1/8" x 1/16"	7.14	4.76
68x2	1/8" x 1/8"	4.44	2.96
68x3	3/16" x 1/8"	4.31	2.87
68x4	1/4" x 1/8"	3.24	2.16
68x5	5/16" x 1/8"	4.88	3.25
68x5x4	5/16" x 1/4"	6.02	4.01
68x6x2	3/8" x 1/8"	5.69	3.79
68x6	3/8" x 1/4"	6.81	4.54
68x6x6	3/8" x 3/8"	8.99	5.99
68x6x8	3/8" x 1/2"	10.55	7.03
68x8x4	1/2" x 1/4"	11.54	7.69
68x8	1/2" x 3/8"	11.54	7.69
68x8x8	1/2" x 1/2"	17.13	11.42



### 5 NPT Male Elbow

Order Code	Tube x NPT	RRP	List Price
69x3	3/16" x 1/8"	5.13	3.42
69x4	1/4" x 1/8"	10.73	7.15
69x4x4	1/4" x 1/4"	13.82	9.21
69x5	5/16" x 1/8"	8.48	5.65
69x5x4	5/16" x 1/4"	7.98	5.32
69x6	3/8" x 1/4"	8.57	5.71
69x6x6	3/8" x 3/8"	11.82	7.88
69x6x8	3/8" x 1/2"	22.83	15.22
69x8	1/2" x 3/8"	13.56	9.04
69x8x8	1/2" x 1/2"	26.13	17.42



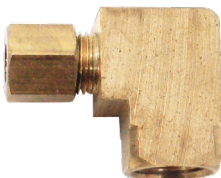
### 10 NPT Female Connector

Order Code	Tube x NPT	RRP	List Price
66x3	3/16" x 1/8"	6.62	4.41
66x4	1/4" x 1/8"	6.98	4.65
66x4x4	1/4" x 1/4"	9.36	6.24
66x5	5/16" x 1/8"	12.29	8.19
66x6	3/8" x 1/4"	8.34	5.56



### 12 NPT Male Branch Tee

Order Code	Tube x NPT	RRP	List Price
72x4	1/4" x 1/8"	14.04	9.36
72x5	5/16" x 1/8"	19.70	13.13
72x6	3/8" x 1/4"	14.82	9.88



### 15 NPT Female Elbow

Order Code	Tube x NPT	RRP	List Price
70x4	1/4" x 1/8"	7.17	4.78



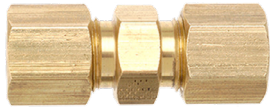
## 1 Compression Sleeve

Order Code	Description	RRP	List Price
60x2	1/8" Compression Sleeve	0.41	0.27
60x3	3/16" Compression Sleeve	0.35	0.23
60x4	1/4" Compression Sleeve	0.30	0.20
60x5	5/16" Compression Sleeve	0.35	0.23
60x6	3/8" Compression Sleeve	0.48	0.32
60x8	1/2" Compression Sleeve	0.90	0.60
60x10	5/8" Compression Sleeve	2.57	1.71



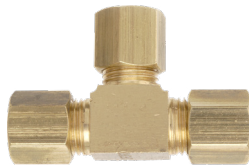
## 2 Compression Nut

Order Code	Description	RRP	List Price
61x2	1/8" Compression Nut	0.98	0.65
61x4	1/4" Compression Nut	1.19	0.79
61x10	5/8" Compression Nut	4.49	2.99



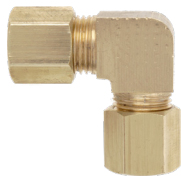
## 4 Tube Union

Order Code	Description	RRP	List Price
62x2	1/8" Compression Union	6.48	4.32
62x3	3/16" Compression Union	6.48	4.32
62x4	1/4" Compression Union	6.48	4.32
62x5	5/16" Compression Union	7.29	4.86
62x6	3/8" Compression Union	6.56	4.37
62x8	1/2" Compression Union	15.06	10.04
62x10	5/8" Compression Union	26.10	17.40



## 14 Union Tee

Order Code	Description	RRP	List Price
64x5	5/16" Compression Tee Union	17.13	11.42
64x6	3/8" Compression Tee Union	19.82	13.21
64x8	1/2" Compression Tee Union	41.36	27.57



## 11 Union Elbow

Order Code	Description	RRP	List Price
65x4	1/4" Compression Elbow Union	10.10	6.73



## M100 Compression Sleeve

Order Code	Tube	RRP	List Price
32001-04	4mm	0.86	0.57
32001-06	6mm	0.99	0.66
32001-08	8mm	0.99	0.66
32001-10	10mm	1.58	1.05
32001-12	12mm	1.86	1.24



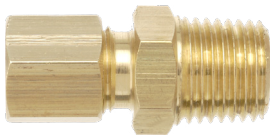
## M2 Compression Nut

Order Code	Tube	RRP	List Price
32002-04	4mm	2.15	1.43
32002-06	6mm	2.28	1.52
32002-08	8mm	2.70	1.80
32002-10	10mm	5.87	3.91
32002-12	12mm	7.46	4.97



## M99 Tube Spigot

Order Code	Tube OD x ID	RRP	List Price
32100-04	4mm x 2.7mm	1.14	0.76
32100-06	6mm x 4.0mm	1.14	0.76
32100-08	8mm x 5.2mm	1.35	0.90
32100-10	10mm x 6.6mm	2.72	1.81
32100-12	12mm x 8.0mm	3.23	2.15



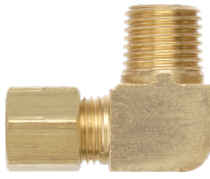
## M3 Male Connector

Order Code	Tube x BSPT	RRP	List Price
32003-0402	4mm x 1/8"	5.73	3.82
32003-0602	6mm x 1/8"	6.42	4.28
32003-0604	6mm x 1/4"	7.58	5.05
32003-0606	6mm x 3/8"	14.58	9.72
32003-0802	8mm x 1/8"	14.28	9.52
32003-0804	8mm x 1/4"	14.28	9.52
32003-0806	8mm x 3/8"	14.28	9.52
32003-1002	10mm x 1/8"	14.85	9.90
32003-1004	10mm x 1/4"	14.85	9.90
32003-1006	10mm x 3/8"	14.85	9.90
32003-1008	10mm x 1/2"	22.89	15.26
32003-1204	12mm x 1/4"	17.19	11.46
32003-1206	12mm x 3/8"	17.19	11.46
32003-1208	12mm x 1/2"	20.01	13.34

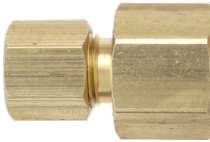


## M4 Tube Union

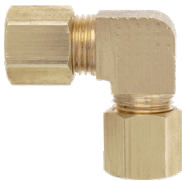
Order Code	Tube	RRP	List Price
32004-04	4mm	8.55	5.70
32004-06	6mm	10.05	6.70
32004-08	8mm	12.86	8.57
32004-10	10mm	22.31	14.87
32004-12	12mm	25.14	16.76


**M5 Male Elbow**

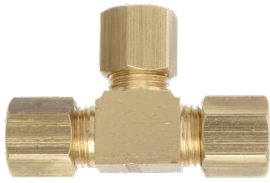
Order Code	Tube x BSPT	RRP	List Price
32005-0402	4mm x 1/8"	13.17	8.78
32005-0404	4mm x 1/4"	18.29	12.19
32005-0602	6mm x 1/8"	20.01	13.34
32005-0604	6mm x 1/4"	20.31	13.54
32005-0802	8mm x 1/8"	20.01	13.34
32005-0804	8mm x 1/4"	20.58	13.72
32005-0806	8mm x 3/8"	21.47	14.31
32005-1004	10mm x 1/4"	26.06	17.37
32005-1006	10mm x 3/8"	26.61	17.74
32005-1008	10mm x 1/2"	46.11	30.74
32005-1204	12mm x 1/4"	25.74	17.16
32005-1206	12mm x 3/8"	28.62	19.08
32005-1208	12mm x 1/2"	37.32	24.88


**M10 Female Connector**

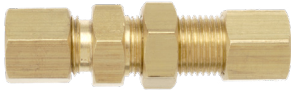
Order Code	Tube x BSP	RRP	List Price
32010-0402	4mm x 1/8"	12.35	8.23
32010-0404	4mm x 1/4"	25.44	16.96
32010-0602	6mm x 1/8"	10.80	7.20
32010-0604	6mm x 1/4"	12.30	8.20
32010-0606	6mm x 3/8"	13.71	9.14
32010-0802	8mm x 1/8"	21.47	14.31
32010-0804	8mm x 1/4"	21.47	14.31
32010-1004	10mm x 1/4"	25.59	17.06
32010-1006	10mm x 3/8"	34.31	22.87
32010-1008	10mm x 1/2"	50.91	33.94
32010-1204	12mm x 1/4"	37.19	24.79
32010-1206	12mm x 3/8"	37.19	24.79
32010-1208	12mm x 1/2"	42.89	28.59


**M11 Tube Elbow**

Order Code	Tube	RRP	List Price
32011-04	4mm	18.05	12.03
32011-06	6mm	18.98	12.65
32011-08	8mm	22.22	14.81
32011-10	10mm	33.32	22.21
32011-12	12mm	40.20	26.80


**M14 Tube Tee**

Order Code	Tube	RRP	List Price
32014-04	4mm	22.82	15.21
32014-06	6mm	22.82	15.21
32014-08	8mm	24.30	16.20
32014-10	10mm	41.76	27.84
32014-12	12mm	50.10	33.40


**M31 Bulkhead Union**

Order Code	Tube	RRP	List Price
32031-04	4mm	46.89	31.26
32031-08	8mm	46.28	30.85
32031-12	12mm	87.96	58.64

## Style and Description

Unquestionably versatile and used extensively throughout the Pneumatics Industry, Internal Compression fittings provide tradesman with a product suitable for applications involving high levels of vibration because the nut gives added tube support. Like most compression products, Internal Compression fittings consist of a nut(s), sleeve(s), body, requires only minimal tube preparation and specialist tools are not required to effect a sound joint.

## Working Pressure

0-3500kPa depending upon tube size and media.

## Media / Application

- ✓ Compressed air lines
- ✓ Non-drinking water
- ✓ Fuel lines
- ✓ Oil lines
- ✓ Lubrication lines
- ✗ Gas

## Construction

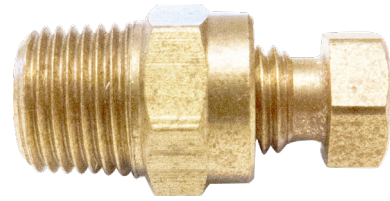
- Compression nut
- Universal sleeve
- Compression body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R series) Parallel Female (Rp Series)

## Tube

- ✓ Nylon
- ✓ Poly tube
- ✓ Copper – Annealed and hard drawn
- ✓ Aluminium
- ✓ Brass
- ✗ Steel bundy
- ✗ Stainless steel

## Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. If using metallic tube, move to point 3. If using non-metallic tube, insert a TubeFit No. 99 spigot into the end of the tube.
3. Loosen nut ½" turn and insert tube into the mouth of the fitting. Ensure the tube passes through the sleeve and rests against the tube stop. (The tube is resting against the tube stop when the tubing can no longer be inserted any further into the body of the fitting).
4. From finger tight, tighten nut to 'spanner firm' position (Caution: do not over-tighten).
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.







## 100 Universal Compression Sleeve

Order Code	Tube	RRP	List Price
01100-02	1/8"	0.62	0.41
01100-03	3/16"	0.56	0.37
01100-04	1/4"	0.50	0.33
01100-05	5/16"	0.65	0.43
01100-06	3/8"	0.75	0.50
01100-08	1/2"	1.25	0.83
01100-10	5/8"	3.14	2.09
01100-12	3/4"	3.48	2.32



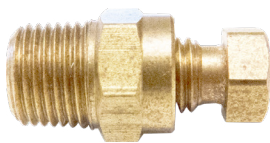
## Z2 Compression Nut

Order Code	Tube	RRP	List Price
05002-02	1/8"	2.69	1.79
05002-03	3/16"	1.64	1.09
05002-04	1/4"	1.74	1.16
05002-05	5/16"	2.19	1.46
05002-06	3/8"	2.04	1.36
05002-08	1/2"	4.92	3.28
05002-10	5/8"	10.46	6.97
05002-12	3/4"	12.06	8.04



## 99 Tube Spigot

Order Code	Tube OD x ID	RRP	List Price
05100-03	3/16" x .125	1.34	0.89
05100-04	1/4" x .168	1.40	0.93
05100-05	5/16" x .214	2.91	1.94
05100-06	3/8" x .258	2.36	1.57
05100-08	1/2" x .347	2.22	1.48
05100-10	5/8" x .495	10.73	7.15
05100-YL04	1/4" x .147	5.73	3.82
05100-YL05	5/16" x .186	5.73	3.82
05100-YL06	3/8" x .224	5.16	3.44
05100-YL08	1/2" x .303	4.25	2.83



## Z3 Male Connector

Order Code	Tube x BSPT	RRP	List Price
05003-0202	1/8" x 1/8"	8.46	5.64
05003-0204	1/8" x 1/4"	19.37	12.91
05003-0304	3/16" x 1/4"	6.72	4.48
05003-0402	1/4" x 1/8"	6.95	4.63
05003-0404	1/4" x 1/4"	6.95	4.63
05003-0406	1/4" x 3/8"	11.12	7.41
05003-0408	1/4" x 1/2"	17.25	11.50
05003-0502	5/16" x 1/8"	8.57	5.71
05003-0504	5/16" x 1/4"	8.25	5.50
05003-0506	5/16" x 3/8"	12.81	8.54
05003-0508*	5/16" x 1/2"	25.61	17.07
05003-0604	3/8" x 1/4"	8.25	5.50
05003-0608	3/8" x 1/2"	12.15	8.10
05003-0804	1/2" x 1/4"	20.07	13.38
05003-0808	1/2" x 1/2"	17.96	11.97
05003-1212	3/4" x 3/4"	43.02	28.68

\*While stocks last



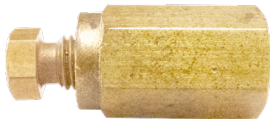
## Z4 Tube Union

Order Code	Tube	RRP	List Price
05004-02	1/8"	14.69	9.79
05004-03	3/16"	11.90	7.93
05004-04	1/4"	11.09	7.39
05004-05	5/16"	11.75	7.83
05004-06	3/8"	15.54	10.36



## Y5 Male Elbow

Order Code	Tube x BSPT	RRP	List Price
05005-0202	1/8" x 1/8"	15.53	10.35
05005-0302	3/16" x 1/8"	18.29	12.19
05005-0304	3/16" x 1/4"	18.51	12.34
05005-0402	1/4" x 1/8"	15.92	10.61
05005-0404	1/4" x 1/4"	15.92	10.61
05005-0502	5/16" x 1/8"	19.86	13.24
05005-0504	5/16" x 1/4"	21.24	14.16
05005-0506	5/16" x 3/8"	25.88	17.25
05005-0602	3/8" x 1/8"	20.64	13.76
05005-0604	3/8" x 1/4"	20.04	13.36
05005-0606	3/8" x 3/8"	20.42	13.61
05005-0608	3/8" x 1/2"	29.78	19.85
05005-0804	1/2" x 1/4"	23.52	15.68
05005-0806	1/2" x 3/8"	23.52	15.68



## Z10 Female Connector

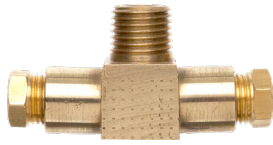
Order Code	Tube x BSP	RRP	List Price
05010-0202	1/8" x 1/8"	21.78	14.52
05010-0302	3/16" x 1/8"	23.06	15.37
05010-0404	1/4" x 1/4"	12.26	8.17
05010-0604	3/8" x 1/4"	16.91	11.27
05010-0606	3/8" x 3/8"	18.17	12.11
05010-0808	1/2" x 1/2"	27.11	18.07
05010-1212	3/4" x 3/4"	52.49	34.99



## Y11 Tube Elbow

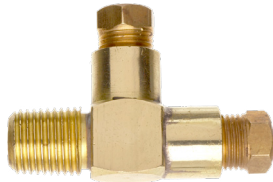
Order Code	Tube x Tube	RRP	List Price
05011-05*	5/16" x 5/16"	22.77	15.18
05011-10*	5/8" x 5/8"	63.03	42.02

*\*While stocks last*



## Y12 Male Branch Tee

Order Code	Tube x BSPT	RRP	List Price
05012-0302	3/16" x 1/8"	30.08	20.05
05012-0304	3/16" x 1/4"	31.64	21.09
05012-0404	1/4" x 1/4"	26.01	17.34
05012-0502	5/16" x 1/8"	39.78	26.52
05012-0504	5/16" x 1/4"	35.84	23.89



## Y13 Male Run Tee

Order Code	Tube x BSPT	RRP	List Price
05013-0202	1/8" x 1/8"	32.72	21.81
05013-0302	3/16" x 1/8"	29.36	19.57
05013-0402	1/4" x 1/8"	28.82	19.21
05013-0504	5/16" x 1/4"	36.17	24.11
05013-0604	3/8" x 1/4"	36.17	24.11
05013-0806	1/2" x 3/8"	58.19	38.79



## Y14 Tube Tee

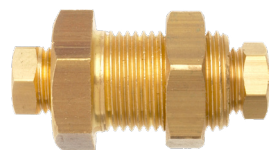
Order Code	Tube	RRP	List Price
05014-02	1/8"	18.42	12.28
05014-03	3/16"	21.20	14.13
05014-05	5/16"	23.88	15.92



## Y15 Female Elbow

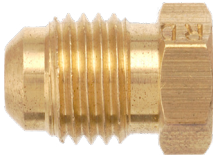
Order Code	Tube x BSP	RRP	List Price
05015-0402	1/4" x 1/8"	33.15	22.10
05015-0404	1/4" x 1/4"	34.01	22.67
05015-0504	5/16" x 1/4"	34.95	23.30
05015-0604	3/8" x 1/4"	35.84	23.89
05015-0606*	3/8" x 3/8"	35.12	23.41

\*While stocks last

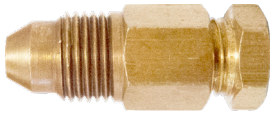


## Z31 Bulkhead Union

Order Code	Tube	RRP	List Price
05031-03	3/16"	31.91	21.27
05031-05	5/16"	31.61	21.07
05031-08	1/2"	53.82	35.88


**Z65 Plug**

Order Code	Tube	RRP	List Price
05065-02	1/8"	10.19	6.79
05065-04	1/4"	4.59	3.06
05065-05	5/16"	5.33	3.55
05065-08	1/2"	11.63	7.75

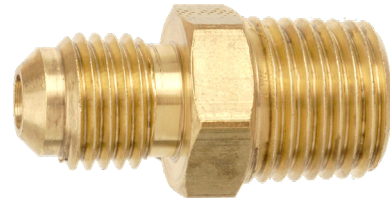

**Z72 Reducing Tube Adaptor**

Order Code	Tube x Tube	RRP	List Price
05072-0403	1/4" x 3/16"	11.54	7.69
05072-0604	3/8" x 1/4"	11.79	7.86
05072-0804	1/2" x 1/4"	15.14	10.09

## Style and Description

Used extensively in the Plumbing and Gas Sectors, SAE 45° Flare fittings offer an excellent alternative to fittings that require a heat/flame to complete a seal. Flare fittings require the tube to be 'belled' or flared prior to assembly as the flared piece of tube is held in place between the nut and body.

Flare Fittings are ideal in situations involving mid-high level vibration.



## Working Pressure

0-17250kPa depending upon tube size and media.

## Media / Application

- ✓ Non-drinking water
- ✓ Gas
- ✓ LPG (Auto, domestic and commercial)
- ✓ Fuel and brake lines
- ✓ Refrigeration lines
- ✓ Hydraulics
- ✓ Pneumatics

## Construction

- Flare Nut
- Flare Body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R series) Parallel Female (Rp Series)
- Pipe Thread NPT

## Tube

- ✓ Copper – Annealed and hard drawn
- ✓ Brass
- ✓ Aluminium
- ✓ Steel Bundy
- ✗ Stainless Steel
- ✗ Nylon
- ✗ Poly tube

## Assembly & Installation

1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. Slide tube nut over the tubing.
3. Using a 45° flaring tool, flare the end of the tube (as per tool instructions).
4. After the tube has been flared, ensure the tube nut is able to pass over the flared end and mate with the seat of the nut.
5. Assemble the tube nut onto fitting and tighten until 'spanner firm' (**Caution: do not over-tighten**).
6. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.

## Style and Description

As with other variations of flared fittings, Inverted Flare fittings require preparation of the tube prior to assembly.

Because of its compact design, suitability for applications involving high levels of vibration and excellent performance under high pressure, Inverted Flare can be found extensively in the Automotive Industry.

## Working Pressure

0-17250kPa depending upon tube size and media.

## Media / Application

- ✓ LPG (Auto, domestic and commercial)
- ✓ Fuel and brake lines
- ✓ Refrigeration lines
- ✓ Hydraulics
- ✓ Pneumatics
- ✗ Plumbing (gas/water)

## Construction

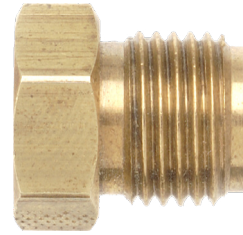
- Inverted Flare Nut
- Inverted Flare Body
- Material: Brass
- Pipe Thread BSP: Tapered Male (R Series)

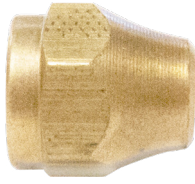
## Tube

- ✓ Copper – Annealed and hard drawn
- ✓ Brass
- ✓ Aluminium
- ✓ Steel Bundy
- ✗ Stainless Steel
- ✗ Nylon
- ✗ Poly tube

## Assembly & Installation

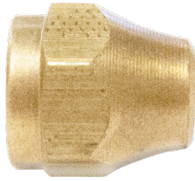
1. Cut the tube square, clean and remove any burrs or loose cuttings.
2. Slide tube nut over the tubing.
3. Using a 45° flaring tool, flare the end of the tube (as per tool instructions).
4. Assemble the tube nut onto fitting and tighten until 'spanner firm' (**Caution: do not over-tighten**).
5. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.





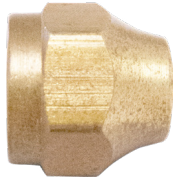
## 6 Standard Flare Nut

Order Code	Tube	RRP	List Price
01006-02	1/8"	5.16	3.44
01006-03	3/16"	2.12	1.41
01006-04	1/4"	2.10	1.40
01006-05	5/16"	2.75	1.83
01006-06	3/8"	3.90	2.60
01006-08	1/2"	5.94	3.96
01006-10	5/8"	9.87	6.58
01006-12	3/4"	16.17	10.78



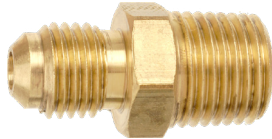
## 6R Reducing Flare Nut

Order Code	Tube x Tube	RRP	List Price
01006-0403	1/4" x 3/16"	3.99	2.66
01006-0504	5/16" x 1/4"	4.47	2.98
01006-0604	3/8" x 1/4"	4.49	2.99
01006-0605	3/8" x 5/16"	4.49	2.99
01006-0806	1/2" x 3/8"	9.12	6.08



## 6S Short Flare Nut

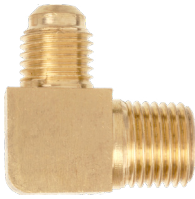
Order Code	Tube	RRP	List Price
01006-S06	3/8"	8.90	5.93
01006-S08	1/2"	7.19	4.79



## 7 Male Connector

Order Code	Tube x BSPT	RRP	List Price
01007-0202	1/8" x 1/8"	10.05	6.70
01007-0302	3/16" x 1/8"	4.88	3.25
01007-0304	3/16" x 1/4"	9.06	6.04
01007-0402	1/4" x 1/8"	2.10	1.40
01007-0404	1/4" x 1/4"	3.45	2.30
01007-0406	1/4" x 3/8"	6.02	4.01
01007-0408	1/4" x 1/2"	16.80	11.20
01007-0502	5/16" x 1/8"	3.05	2.03
01007-0504	5/16" x 1/4"	3.68	2.45
01007-0506	5/16" x 3/8"	6.03	4.02
01007-0508	5/16" x 1/2"	17.87	11.91
01007-0602	3/8" x 1/8"	4.89	3.26
01007-0604	3/8" x 1/4"	4.26	2.84
01007-0606	3/8" x 3/8"	4.89	3.26
01007-0608	3/8" x 1/2"	8.90	5.93
01007-0612	3/8" x 3/4"	25.74	17.16
01007-0804	1/2" x 1/4"	7.11	4.74
01007-0806	1/2" x 3/8"	6.38	4.25
01007-0808	1/2" x 1/2"	9.06	6.04
01007-0812	1/2" x 3/4"	23.61	15.74
01007-1008	5/8" x 1/2"	13.80	9.20
01007-1208	3/4" x 1/2"	22.22	14.81
01007-1212	3/4" x 3/4"	23.40	15.60



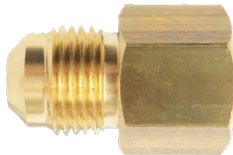

**8 Male Elbow**

Order Code	Tube x BSPT	RRP	List Price
01008-0202	1/8" x 1/8"	13.28	8.85
01008-0302	3/16" x 1/8"	14.28	9.52
01008-0402	1/4" x 1/8"	8.55	5.70
01008-0404	1/4" x 1/4"	8.99	5.99
01008-0406	1/4" x 3/8"	20.01	13.34
01008-0502	5/16" x 1/8"	11.03	7.35
01008-0504	5/16" x 1/4"	10.73	7.15
01008-0506	5/16" x 3/8"	14.96	9.97
01008-0602	3/8" x 1/8"	16.11	10.74
01008-0604	3/8" x 1/4"	11.39	7.59
01008-0606	3/8" x 3/8"	11.39	7.59
01008-0608	3/8" x 1/2"	23.51	15.67
01008-0804	1/2" x 1/4"	17.12	11.41
01008-0806	1/2" x 3/8"	15.35	10.23
01008-0808	1/2" x 1/2"	16.04	10.69
01008-1008*	5/8" x 1/2"	28.10	18.73
01008-1012*	5/8" x 3/4"	39.78	26.52
01008-1208	3/4" x 1/2"	46.76	31.17

\*While stocks last


**8 45° Male Elbow**

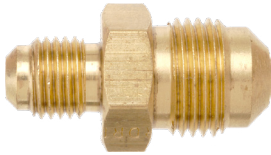
Order Code	Tube x BSPT	RRP	List Price
01008-450504	5/16" x 1/4"	22.29	14.86
01008-450604	3/8" x 1/4"	36.81	24.54


**16 Female Connector**

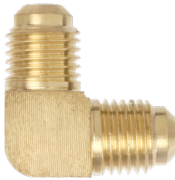
Order Code	Tube x BSP	RRP	List Price
01016-0302	3/16" x 1/8"	9.06	6.04
01016-0304	3/16" x 1/4"	15.86	10.57
01016-0402	1/4" x 1/8"	6.54	4.36
01016-0404	1/4" x 1/4"	5.07	3.38
01016-0406	1/4" x 3/8"	9.72	6.48
01016-0502	5/16" x 1/8"	9.68	6.45
01016-0504	5/16" x 1/4"	6.02	4.01
01016-0506	5/16" x 3/8"	11.34	7.56
01016-0508	5/16" x 1/2"	22.14	14.76
01016-0602	3/8" x 1/8"	8.33	5.55
01016-0604	3/8" x 1/4"	5.15	3.43
01016-0606	3/8" x 3/8"	7.31	4.87
01016-0608	3/8" x 1/2"	11.46	7.64
01016-0804	1/2" x 1/4"	11.66	7.77
01016-0806	1/2" x 3/8"	10.55	7.03
01016-0808	1/2" x 1/2"	11.84	7.89
01016-0812	1/2" x 3/4"	33.26	22.17
01016-1208	3/4" x 1/2"	33.26	22.17
01016-1212	3/4" x 3/4"	33.26	22.17


**17 Flare Union**

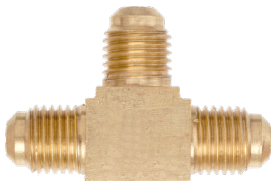
Order Code	Tube	RRP	List Price
01017-03	3/16"	8.55	5.70
01017-04	1/4"	3.42	2.28
01017-05	5/16"	4.37	2.91
01017-06	3/8"	7.58	5.05
01017-08	1/2"	12.83	8.55
01017-10	5/8"	17.87	11.91
01017-12	3/4"	36.02	24.01


**17R Reducing Union**

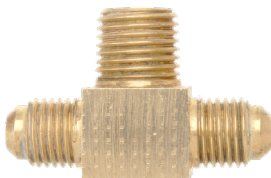
Order Code	Tube x Tube	RRP	List Price
01017-0504	5/16" x 1/4"	11.45	7.63
01017-0604	3/8" x 1/4"	10.80	7.20
01017-0605	3/8" x 5/16"	12.27	8.18
01017-0806	1/2" x 3/8"	15.83	10.55


**18 Tube Elbow**

Order Code	Tube	RRP	List Price
01018-03	3/16"	28.62	19.08
01018-04	1/4"	14.28	9.52
01018-05	5/16"	12.15	8.10
01018-06	3/8"	13.80	9.20
01018-08	1/2"	21.59	14.39


**19 Tube Tee**

Order Code	Tube	RRP	List Price
01019-02	1/8"	37.19	24.79
01019-03	3/16"	10.59	7.06
01019-04	1/4"	13.71	9.14
01019-05	5/16"	19.41	12.94
01019-06	3/8"	17.00	11.33
01019-08	1/2"	22.29	14.86
01019-10	5/8"	46.64	31.09


**20 Male Branch Tee**

Order Code	Tube x BSPT	RRP	List Price
01020-0302	3/16" x 1/8"	37.19	24.79
01020-0402	1/4" x 1/8"	34.46	22.97
01020-0404	1/4" x 1/4"	20.94	13.96
01020-0502	5/16" x 1/8"	39.92	26.61
01020-0504	5/16" x 1/4"	39.92	26.61
01020-0604	3/8" x 1/4"	39.92	26.61
01020-0606	3/8" x 3/8"	39.92	26.61
01020-0808	1/2" x 1/2"	43.52	29.01



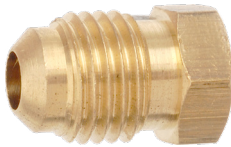
### 36 Female Elbow

Order Code	Tube x BSP	RRP	List Price
01036-0402	1/4" x 1/8"	25.62	17.08
01036-0404	1/4" x 1/4"	22.71	15.14
01036-0506	5/16" x 3/8"	43.41	28.94
01036-0604	3/8" x 1/4"	20.16	13.44
01036-0606	3/8" x 3/8"	25.74	17.16
01036-0608	3/8" x 1/2"	33.86	22.57
01036-0806	1/2" x 3/8"	22.76	15.17
01036-0808	1/2" x 1/2"	30.41	20.27
01036-1008	5/8" x 1/2"	42.00	28.00



### 56 Flare Cap Nut

Order Code	Tube	RRP	List Price
01056-04	1/4"	5.25	3.50
01056-05	5/16"	9.06	6.04
01056-06	3/8"	7.19	4.79
01056-08	1/2"	11.28	7.52
01056-12	3/4"	33.96	22.64



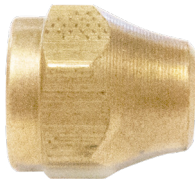
### 65 Plug

Order Code	Tube	RRP	List Price
01065-04	1/4"	3.90	2.60
01065-05	5/16"	6.95	4.63
01065-06	3/8"	5.36	3.57
01065-08	1/2"	13.73	9.15



### 70 Swivel Flare Connector

Order Code	Tube	RRP	List Price
01070-08	1/2"	13.22	8.81



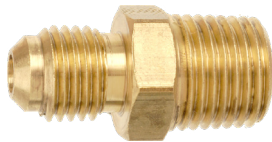
## 6 Flare Nut

OrderCode	Description	RRP	ListPrice
1110x2	1/8" Flare Tube Nut	1.22	0.81
1110x3	3/16" Flare Tube Nut	1.49	0.99
1110x5	5/16" Flare Tube Nut	2.67	1.78
1110x6	3/8" Flare Tube Nut	3.98	2.65
1110x10	5/8" Flare Tube Nut	9.39	6.26



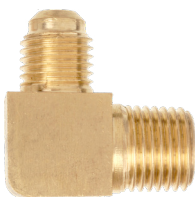
## 6 Flare Nut Long

Order Code	Description	RRP	List Price
41x3	3/16" Flare Tube Nut Long	1.76	1.17
41x4	1/4" Flare Tube Nut Long	2.39	1.59
41x8	1/2" Flare Tube Nut Long	7.19	4.79



## 7 NPT Male Connector

Order Code	Tube x NPT	RRP	List Price
48x2	1/8" x 1/8"	6.36	4.24
48x3	3/16" x 1/8"	2.10	1.40
48x4	1/4" x 1/8"	2.10	1.40
48x4x4	1/4" x 1/4"	3.30	2.20
48x5	5/16" x 1/8"	2.67	1.78
48x5x4	5/16" x 1/4"	3.60	2.40
48x6x2	3/8" x 1/8"	5.30	3.53
48x6	3/8" x 1/4"	5.73	3.82
48x6x6	3/8" x 3/8"	6.62	4.41
48x6x8	3/8" x 1/2"	8.52	5.68
48x8x4	1/2" x 1/4"	7.17	4.78
48x8	1/2" x 3/8"	6.15	4.10
48x8x8	1/2" x 1/2"	10.62	7.08
48x10x6	5/8" x 3/8"	10.91	7.27
48x10	5/8" x 1/2"	8.55	5.70
48x12	3/4" x 1/2"	17.63	11.75
48x12x12	3/4" x 3/4"	16.37	10.91

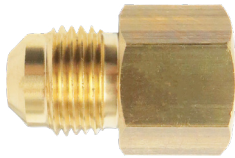


## 8 NPT Male Elbow

Order Code	Tube x NPT	RRP	List Price
49x3	3/16" x 1/8"	4.02	2.68
49x4	1/4" x 1/8"	7.41	4.94
49x4x4	1/4" x 1/4"	4.50	3.00
49x5	5/16" x 1/8"	4.97	3.31
49x5x4	5/16" x 1/4"	6.15	4.10
49x6x2	3/8" x 1/8"	7.07	4.71
49x6	3/8" x 1/4"	7.97	5.31
49x6x6	3/8" x 3/8"	9.59	6.39
49x6x8	3/8" x 1/2"	15.65	10.43
49x8	1/2" x 3/8"	8.13	5.42
49x8x8	1/2" x 1/2"	12.53	8.35
49x10	5/8" x 1/2"	15.51	10.34
49x12	3/4" x 1/2"	32.88	21.92
49x12x12	3/4" x 3/4"	35.28	23.52


**8 45° NPT Male Elbow**

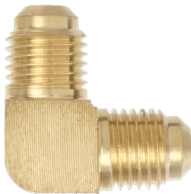
Order Code	Tube x NPT	RRP	List Price
54x4	1/4" x 1/8"	7.55	5.03
54x4x4	1/4" x 1/4"	8.90	5.93
54x6	3/8" x 1/4"	11.58	7.72
54x10	3/8" x 1/2"	16.56	11.04


**16 NPT Female Connector**

Order Code	Tube x NPT	RRP	List Price
46x4	1/4" x 1/8"	3.74	2.49
46x4x4	1/4" x 1/4"	9.00	6.00
46x6	3/8" x 1/4"	4.26	2.84
46x6x6	3/8" x 3/8"	15.08	10.05
46x8	1/2" x 3/8"	13.29	8.86


**17 Flare Union**

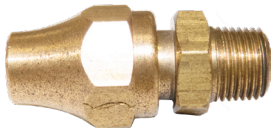
Order Code	Description	RRP	List Price
42x3	3/16" Flare union	6.69	4.46
42x4	1/4" Flare union	3.60	2.40
42x5	5/16" Flare union	4.19	2.79
42x6	3/8" Flare union	5.90	3.93
42x10	5/8" Flare union	11.37	7.58


**18 Union Elbow**

Order Code	Description	RRP	List Price
55x8	1/2" Flare Union Elbow	14.46	9.64


**36 Female Elbow**

Order Code	Description	RRP	List Price
50x4	1/4" x 1/8" Flare NPT Female Elbow	5.46	3.64
50x6	3/8" x 1/4" Flare NPT Female Elbow	10.19	6.79



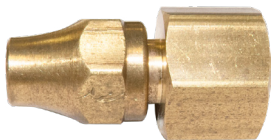
## 7 Male Connector Assembly

Order Code	Tube x BSP	RRP	List Price
36007-0402	1/4" x 1/8"	4.16	2.77
36007-0404	1/4" x 1/4"	5.60	3.73
36007-0406	1/4" x 3/8"	8.07	5.38
36007-0408	1/4" x 1/2"	18.99	12.66
36007-0504	5/16" x 1/4"	6.38	4.25
36007-0602	3/8" x 1/8"	8.78	5.85
36007-0604	3/8" x 1/4"	7.46	4.97
36007-0606	3/8" x 3/8"	8.78	5.85
36007-0608	3/8" x 1/2"	12.51	8.34
36007-0612	3/8" x 3/4"	31.49	20.99
36007-0804	1/2" x 1/4"	13.04	8.69
36007-0806	1/2" x 3/8"	12.35	8.23
36007-0806TN	1/2" x 3/8"	37.65	25.10
36007-0808	1/2" x 1/2"	15.03	10.02
36007-0808TN	1/2" x 1/2"	48.60	32.40
36007-0812	1/2" x 3/4"	29.58	19.72
36007-1208	3/4" x 1/2"	38.43	25.62
36007-1212	3/4" x 3/4"	39.59	26.39



## 8 Male Elbow Assembly

Order Code	Tube x BSP	RRP	List Price
36008-0402	1/4" x 1/8"	10.68	7.12
36008-0404	1/4" x 1/4"	11.10	7.40
36008-0406	1/4" x 3/8"	29.19	19.46
36008-0504	5/16" x 1/4"	13.46	8.97
36008-0604	3/8" x 1/4"	15.26	10.17
36008-0606	3/8" x 3/8"	15.26	10.17
36008-0608	3/8" x 1/2"	26.91	17.94
36008-0806	1/2" x 3/8"	19.94	13.29
36008-0808	1/2" x 1/2"	20.60	13.73



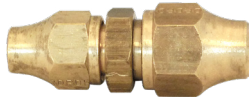
## 16 Female Union Assembly

Order Code	Tube x BSP	RRP	List Price
36016-0404	1/4" x 1/4"	7.14	4.76
36016-0406	1/4" x 3/8"	11.82	7.88
36016-0504	5/16" x 1/4"	8.78	5.85
36016-0506	5/16" x 3/8"	14.10	9.40
36016-0604	3/8" x 1/4"	9.00	6.00
36016-0606	3/8" x 3/8"	11.18	7.45
36016-0608	3/8" x 1/2"	15.36	10.24
36016-0804	1/2" x 1/4"	17.64	11.76
36016-0806	1/2" x 3/8"	16.52	11.01
36016-0808	1/2" x 1/2"	17.79	11.86
36016-0812	1/2" x 3/4"	39.20	26.13
36016-1208	3/4" x 1/2"	39.44	26.29
36016-1212	3/4" x 3/4"	49.49	32.99



## 17 Tube Union Assembly

Order Code	Tube	RRP	List Price
36017-04	1/4"	7.38	4.92
36017-05	5/16"	9.80	6.53
36017-06	3/8"	14.13	9.42
36017-08	1/2"	22.64	15.09
36017-12	3/4"	68.46	45.64



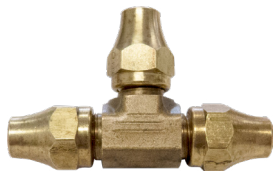
## 17R Reducing Union Assembly

Order Code	Tube x Tube	RRP	List Price
36017R-0604	3/8" x 1/4"	16.79	11.19
36017R-0806	1/2" x 3/8"	25.67	17.11



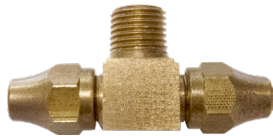
## 18 Tube Elbow Assembly

Order Code	Tube	RRP	List Price
36018-04	1/4"	18.50	12.33
36018-06	3/8"	20.43	13.62
36018-08	1/2"	30.47	20.31



## 19 Tube Tee Assembly

Order Code	Tube	RRP	List Price
36019-04	1/4"	19.98	13.32
36019-05	5/16"	26.96	17.97
36019-06	3/8"	28.68	19.12
36019-08	1/2"	38.90	25.93



## 20 Male Branch Tee Assembly

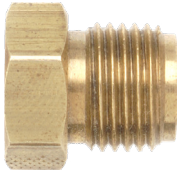
Order Code	Tube x BSP	RRP	List Price
36020-0404	1/4" x 1/4"	22.67	15.11



## 36 Female Elbow Assembly

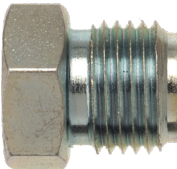
Order Code	Tube x BSP	RRP	List Price
36036-0404	1/4" x 1/4"	24.84	16.56
36036-0604	3/8" x 1/4"	23.60	15.73
36036-0606	3/8" x 3/8"	29.19	19.46
36036-0608	3/8" x 1/2"	37.32	24.88
36036-0806	1/2" x 3/8"	27.38	18.25
36036-0808	1/2" x 1/2"	34.98	23.32





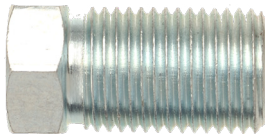
## 58 Brass Inverted Flare Nut

Order Code	Tube	RRP	List Price
01058-02	1/8"	14.13	9.42
01058-03	3/16"	2.76	1.84
01058-04	1/4"	2.12	1.41
01058-05	5/16"	2.31	1.54
01058-06	3/8"	6.81	4.54



## 58S Steel Inverted Flare Nut

Order Code	Tube	RRP	List Price
01058-S03	3/16"	2.04	1.36
01058-10MM03	3/16" x 10mm	4.19	2.79
01058-S04	1/4"	2.13	1.42
01058-S05	5/16"	4.82	3.21
01058-S06	3/8"	9.84	6.56



## 58SL Steel Long Inverted Flare Nut

Order Code	Tube	RRP	List Price
01058-SL03	3/16"	6.78	4.52
01058-SL04	1/4"	4.71	3.14
01058-SL05	5/16"	3.65	2.43



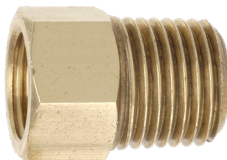
## 59 Male Elbow

Order Code	Tube x BSP	RRP	List Price
01059-0302	3/16" x 1/8"	14.75	9.83
01059-0402	1/4" x 1/8"	16.01	10.67
01059-0404	1/4" x 1/4"	25.32	16.88
01059-0502	5/16" x 1/8"	18.56	12.37
01059-0504	5/16" x 1/4"	20.94	13.96
01059-0604	3/8" x 1/4"	22.05	14.70



## 61 Tube Tee

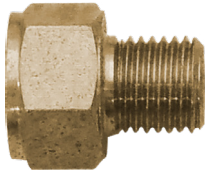
Order Code	Tube	RRP	List Price
01061-03	3/16"	36.66	24.44



## 62 Male Connector

Order Code	Tube x BSP	RRP	List Price
01062-0302	3/16" x 1/8"	4.82	3.21
01062-0402	1/4" x 1/8"	6.54	4.36
01062-0404	1/4" x 1/4"	5.19	3.46
01062-0502	5/16" x 1/8"	6.54	4.36
01062-0504	5/16" x 1/4"	12.00	8.00
01062-0604	3/8" x 1/4"	9.95	6.63
01062-0806*	1/2" x 3/8"	21.47	14.31
01062-0808*	1/2" x 1/2"	31.44	20.96

\*While stocks last



### 62W Washer Faced Male Connector

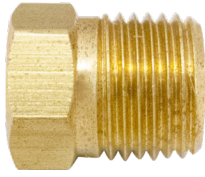
Order Code	Tube x SAE	RRP	List Price
01062-W0306*	3/16" x 3/8"	17.85	11.90
01062-W0406	1/4" x 3/8"	9.87	6.58
01062-W0407*	1/4" x 7/16	21.62	14.41

\*While stocks last



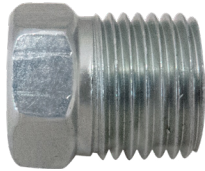
### 63 Tube Union

Order Code	Tube	RRP	List Price
01063-03	3/16"	5.43	3.62
01063-04	1/4"	10.28	6.85
01063-05	5/16"	6.62	4.41
01063-06	3/8"	9.62	6.41
01063-08	1/2"	12.30	8.20



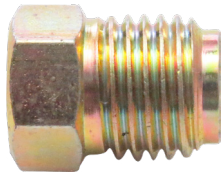
### Brass Inverted Flare Nut

Order Code	Description	RRP	List Price
100x3	3/16" Brass Inverted Flare Nut	1.26	0.84
100x4	1/4" Brass Inverted Flare Nut	1.43	0.95
100x5	5/16" Brass Inverted Flare Nut	1.49	0.99
100x6	3/8" Brass Inverted Flare Nut	2.07	1.38



### Steel Inverted Flare Nut

Order Code	Description	RRP	List Price
105x3	3/16" Steel Inverted Flare Nut	0.72	0.48
105x4	1/4" Steel Inverted Flare Nut	0.65	0.43
105x5	5/16" Steel Inverted Flare Nut	0.80	0.53



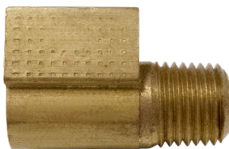
### Brass Inverted Flare Plug

Order Code	Description	RRP	List Price
131x6	3/8" Brass Inverted Flare Plug	4.10	2.73



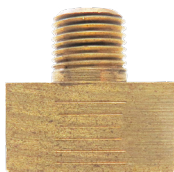
### Inverted Flare 45° NPT Male Elbow

Order Code	Description	RRP	List Price
352x3	3/16" x 1/8" Inverted Flare 45° NPT Male Elbow	4.43	2.95
352x4	1/4" x 1/8" Inverted Flare 45° NPT Male Elbow	4.97	3.31
352x6	3/8" x 1/4" Inverted Flare 45° NPT Male Elbow	11.10	7.40



### Inverted Flare NPT Male Elbow

Order Code	Description	RRP	List Price
402x2	1/8" x 1/8" Inverted Flare NPT Male Elbow	4.50	3.00
402x3	3/16" x 1/8" Inverted Flare NPT Male Elbow	2.57	1.71
402x4	1/4" x 1/8" Inverted Flare NPT Male Elbow	3.03	2.02
402x4x4	1/4" x 1/4" Inverted Flare NPT Male Elbow	3.71	2.47
402x5	5/16" x 1/8" Inverted Flare NPT Male Elbow	3.71	2.47
402x5x4	5/16" x 1/4" Inverted Flare NPT Male Elbow	6.48	4.32
402x6	3/8" x 1/4" Inverted Flare NPT Male Elbow	7.64	5.09
402x6x6	3/8" x 3/8" Inverted Flare NPT Male Elbow	9.18	6.12
402x8	1/2" x 3/8" Inverted Flare NPT Male Elbow	16.46	10.97

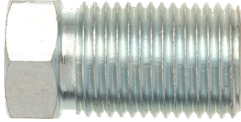


### Inverted Flare Branch Tee

Order Code	Description	RRP	List Price
602x3	3/16" x 1/8" Inverted Flare NPT Male Branch Tee	8.13	5.42
652x3	3/16" x 1/8" Inverted Flare NPT Female Branch Tee	13.52	9.01


**Inverted Flare Union Tee**

Order Code	Description	RRP	List Price
702x4	1/4" Inverted Flare Union Tee	6.02	4.01
702x5	5/16" Inverted Flare Union Tee	6.84	4.56


**Steel Inverted Flare Nut – Long**

Order Code	Description	RRP	List Price
7896x3	3/16" Steel Inverted Flare Nut Long	0.71	0.47

## Style and Description

Fleetfit fittings are 'push-in' or 'push-fit' fittings manufactured to withstand the demands of the heavy transport industry.

Designed with specific air brake tube in mind, the body of the fitting has a built-in spigot to give added tube support at the sealing area.

## Working Pressure

0-1050kPa

## Media / Application

- ✓ Heavy transport
- ✓ Air brake systems
- ✓ Pneumatic plant equipment
- ✗ Hydraulic applications of any type

## Construction

- Body incorporates collet and O-Ring
- Material: Brass and Nitrile O-Ring
- Pipe Thread: NPT, NPS, and Metric x 1.5

## Tube

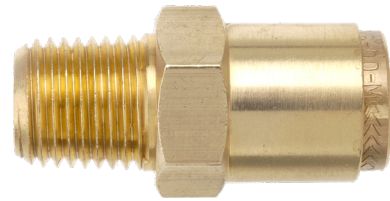
- ✓ Nylon (Metric: DIN 74324)
- ✗ Poly tube
- ✗ Metal tubes

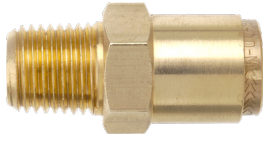
## Standards

- DIN74324
- TUV Approved

## Assembly & Installation

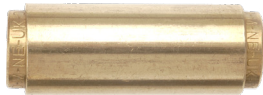
1. Cut the tube square using a nylon tube cutter.
2. Slide the tube through the collet into the fitting.
3. Slide the tube firmly through the O-Ring until it rests against the tube stop. Pull on the tubing to ensure a secure joint has been made.
4. To disconnect the tube, push on tube, hold down the collet and withdraw the tube.





## FFM3 Male Connector

Order Code	Tube x NPT	RRP	List Price
35003-M0602	6mm x 1/8"	15.77	10.51
35003-M0604	6mm x 1/4"	17.09	11.39
35003-M0608	6mm x 1/2"	49.53	33.02
35003-M0802	8mm x 1/8"	28.47	18.98
35003-M0804	8mm x 1/4"	28.47	18.98
35003-M0806	8mm x 3/8"	28.76	19.17
35003-M1004	10mm x 1/4"	17.96	11.97
35003-M1006	10mm x 3/8"	22.67	15.11
35003-M1008	10mm x 1/2"	33.63	22.42
35003-M1204	12mm x 1/4"	22.83	15.22
35003-M1206	12mm x 3/8"	23.25	15.50
35003-M1208	12mm x 1/2"	22.56	15.04
35003-M1606	16mm x 3/8"	46.73	31.15
35003-M1608	16mm x 1/2"	50.04	33.36



## FFM4 Tube Union

Order Code	Tube	RRP	List Price
35004-M06	6mm	28.59	19.06
35004-M08	8mm	29.04	19.36
35004-M10	10mm	36.74	24.49
35004-M11	11mm	36.63	24.42
35004-M12	12mm	36.74	24.49
35004-M14	14mm	102.02	68.01
35004-M15	15mm	63.63	42.42
35004-M16	16mm	58.05	38.70



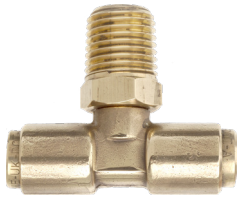
## FFM5 Male Elbow

Order Code	Tube x NPT	RRP	List Price
35005-M0602	6mm x 1/8" (Swivel)	24.32	16.21
35005-M0604	6mm x 1/4"	19.83	13.22
35005-M0606	6mm x 3/8"	28.32	18.88
35005-M0804	8mm x 1/4"	48.36	32.24
35005-M0806	8mm x 3/8"	67.43	44.95
35005-M1004	10mm x 1/4" (Swivel)	85.97	57.31
35005-M1006	10mm x 3/8"	30.92	20.61
35005-M1008	10mm x 1/2"	33.72	22.48
35005-M1204	12mm x 1/4"	31.61	21.07
35005-M1206	12mm x 3/8" (Swivel)	51.24	34.16
35005-M1208	12mm x 1/2"	34.35	22.90

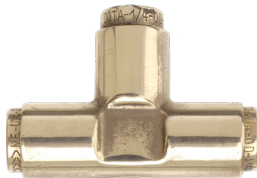


## FFM11 Tube Elbow

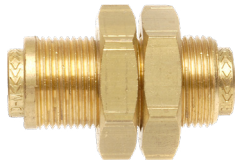
Order Code	Tube	RRP	List Price
35011-M06	6mm	32.49	21.66
35011-M08	8mm	62.79	41.86
35011-M10	10mm	53.76	35.84
35011-M11	11mm	100.68	67.12
35011-M12	12mm	60.66	40.44
35011-M15	15mm	89.97	59.98
35011-M16	16mm	86.55	57.70


**FFM12 Male Branch Tee – Non Swivel**

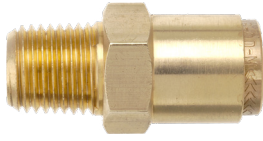
Order Code	Tube x NPT	RRP	List Price
35012-M1204	12mm x 1/4"	135.00	90.00
35012-M1208	12mm x 1/2"	54.05	36.03


**FFM14 Tube Tee**

Order Code	Tube	RRP	List Price
35014-M06	6mm	31.47	20.98
35014-M08	8mm	44.55	29.70
35014-M10	10mm	53.19	35.46
35014-M11	11mm	92.25	61.50
35014-M12	12mm	63.26	42.17
35014-M15	15mm	123.95	82.63
35014-M16	16mm	118.97	79.31

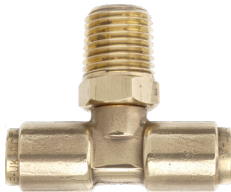

**FFM31 Bulkhead Union**

Order Code	Tube	RRP	List Price
35031-M06	6mm	55.22	36.81
35031-M08	8mm	62.39	41.59
35031-M12	12mm	80.21	53.47



## FFM3 Male Connector

Order Code	Tube x Metric	RRP	List Price
35003-M06M10	6mm x M10	54.35	36.23
35003-M06M12	6mm x M12	54.12	36.08
35003-M08M10	8mm x M10	63.81	42.54
35003-M08M12	8mm x M12	52.82	35.21
35003-M08M14	8mm x M14	57.17	38.11
35003-M08M22	8mm x M22	56.97	37.98
35003-M10M10	10mm x M10	53.37	35.58
35003-M10M14	10mm x M14	51.77	34.51
35003-M12M12	12mm x M12	60.84	40.56
35003-M12M14	12mm x M14	78.03	52.02
35003-M12M16	12mm x M16	53.75	35.83
35003-M12M22	12mm x M22	59.42	39.61
35003-M15M22	15mm x M22	103.10	68.73
35003-M16M22	16mm x M22	44.06	29.37



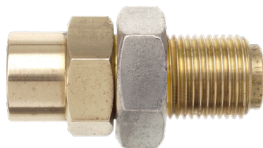
## FFM12 Male Branch Tee

Order Code	Tube x Metric	RRP	List Price
35012-M10M16	10mm x M16	109.82	73.21
35012-M10M22	10mm x M22	117.72	78.48



## FFM5 Male Elbow

Order Code	Tube x Metric	RRP	List Price
35005-M06M10	6mm x M10	83.57	55.71
35005-M06M12	6mm x M12	84.45	56.30
35005-M06M22	6mm x M22	60.24	40.16
35005-M08M12	8mm x M12	90.42	60.28
35005-M08M14	8mm x M14	100.97	67.31
35005-M08M16	8mm x M16	80.69	53.79
35005-M08M22	8mm x M22	93.47	62.31
35005-M10M10	10mm x M10	84.45	56.30
35005-M10M14	10mm x M14	104.63	69.75
35005-M10M22	10mm x M22	90.74	60.49
35005-M12M12	12mm x M12	146.88	97.92
35005-M12M16	12mm x M16	84.62	56.41
35005-M12M22	12mm x M22	92.06	61.37
35005-M15M22	15mm x M22	103.10	68.73
35005-M16M22	16mm x M22	88.28	58.85



## FF31F Bulkhead Adaptor

Order Code	Tube x Metric	RRP	List Price
35031F-M06M12	6mm x M12	51.95	34.63





## QCAB Plug

Order Code	Description	RRP	List Price
1829x4	1/4" QCAB Plug	1.20	0.80
1829x6	3/8" QCAB Plug	1.40	0.93



## Encapsulated Cartridge

Order Code	Description	RRP	List Price
1861x4	1/4" Encapsulated Cartridge	16.40	10.93



## QCAB Tube Union

Order Code	Description	RRP	List Price
1862x2.5	5/32" QCAB Tube Union	18.47	12.31
1862x4	1/4" QCAB Tube Union	18.63	12.42
1862x6	3/8" QCAB Tube Union	23.69	15.79
1862x8	1/2" QCAB Tube Union	28.25	18.83
1862x10	5/8" QCAB Tube Union	34.34	22.89



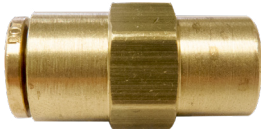
## QCAB Tube Tee

Order code	Description	RRP	List Price
1864x4	1/4" QCAB Tube Tee	36.87	24.58
1864x6	3/8" QCAB Tube Tee	38.30	25.53
1864x8	1/2" QCAB Tube Tee	66.53	44.35



### QCAB Tube Elbow

Order Code	Description	RRP	List Price
1865x4	1/4" QCAB Tube Elbow	23.88	15.92
1865x6	3/8" QCAB Tube Elbow	30.96	20.64
1865x8	1/2" QCAB Tube Elbow	37.67	25.11



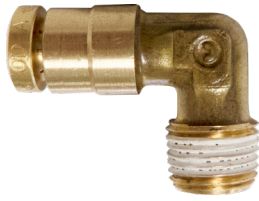
### QCAB Female Connector

Order Code	Tube x Metric	RRP	List Price
1866x6x2	3/8" x 1/8" QCAB NPT Female Connector	27.18	18.12
1866x6	3/8" x 1/4" QCAB NPT Female Connector	28.47	18.98
1866x6x6	3/8" x 3/8" QCAB NPT Female Connector	30.02	20.01
1866x8x4	1/2" x 1/4" QCAB NPT Female Connector	22.79	15.19
1866x8	1/2" x 3/8" QCAB NPT Female Connector	22.94	15.29
1866x8x8	1/2" x 1/2" QCAB NPT Female Connector	35.57	23.71



### QCAB Male Connector

Order Code	Description	RRP	List Price
1868x2.5x1	5/32 x 1/16" QCAB NPT Male Connector	17.39	11.59
1868x2.5	5/32 x 1/8" QCAB NPT Male Connector	17.67	11.78
1868x3	3/16" x 1/8" QCAB NPT Male Connector	18.98	12.65
1868x4	1/4" x 1/8" QCAB NPT Male Connector	10.64	7.09
1868x4x4	1/4" x 1/4" QCAB NPT Male Connector	11.03	7.35
1868x4x6	1/4" x 3/8" QCAB NPT Male Connector	14.64	9.76
1868x6x2	3/8" x 1/8" QCAB NPT Male Connector	13.05	8.70
1868x6	3/8" x 1/4" QCAB NPT Male Connector	13.14	8.76
1868x6x6	3/8" x 3/8" QCAB NPT Male Connector	12.33	8.22
1868x6x8	3/8" x 1/2" QCAB NPT Male Connector	14.94	9.96
1868x8x4	1/2" x 1/4" QCAB NPT Male Connector	16.02	10.68
1868x8	1/2" x 3/8" QCAB NPT Male Connector	16.76	11.17
1868x8x8	1/2" x 1/2" QCAB NPT Male Connector	17.64	11.76
1868x10x6	5/8" x 3/8" QCAB NPT Male Connector	34.13	22.75
1868x10	5/8" x 1/2" QCAB NPT Male Connector	32.24	21.49
1868x12	3/4" x 1/2" QCAB NPT Male Connector	36.23	24.15



## QCAB Male Elbow

Order Code	Description	RRP	List Price
1869x2.5	5/32 x 1/8" QCAB NPT Male Elbow	18.98	12.65
1869x3	3/16" x 1/8" QCAB NPT Male Elbow	24.93	16.62
1869x4	1/4" x 1/8" QCAB NPT Male Elbow	16.32	10.88
1869x4S	1/4" x 1/8" QCAB NPT Swivel Male Elbow	29.24	19.49
1869x4x4	1/4" x 1/4" QCAB NPT Male Elbow	17.13	11.42
1869x4x4S	1/4" x 1/4" QCAB NPT Swivel Male Elbow	33.90	22.60
1869x4x6	1/4" x 3/8" QCAB NPT Male Elbow	18.42	12.28
1869x4x6S	1/4" x 3/8" QCAB NPT Swivel Male Elbow	34.13	22.75
1869x6x2	3/8" x 1/8" QCAB NPT Male Elbow	19.83	13.22
1869x6x2S	3/8" x 1/8" QCAB NPT Swivel Male Elbow	33.71	22.47
1869x6	3/8" x 1/4" QCAB NPT Male Elbow	17.49	11.66
1869x6S	3/8" x 1/4" QCAB NPT Swivel Male Elbow	28.38	18.92
1869x6x6	3/8" x 3/8" QCAB NPT Male Elbow	21.86	14.57
1869x6x6S	3/8" x 3/8" QCAB NPT Swivel Male Elbow	40.65	27.10
1869x6x8	3/8" x 1/2" QCAB NPT Male Elbow	27.96	18.64
1869x6x8S	3/8" x 1/2" QCAB NPT Swivel Male Elbow	45.68	30.45
1869x8x4	1/2" x 1/4" QCAB NPT Male Elbow	29.43	19.62
1869x8x4S	1/2" x 1/4" QCAB NPT Swivel Male Elbow	59.55	39.70
1869x8	1/2" x 3/8" QCAB NPT Male Elbow	25.28	16.85
1869x8S	1/2" x 3/8" QCAB NPT Swivel Male Elbow	49.07	32.71
1869x8x8	1/2" x 1/2" QCAB NPT Male Elbow	29.13	19.42
1869x8x8S	1/2" x 1/2" QCAB NPT Swivel Male Elbow	51.60	34.40
1869x10x6	5/8" x 3/8" QCAB NPT Male Elbow	44.00	29.33
1869x10	5/8" x 1/2" QCAB NPT Male Elbow	47.58	31.72
1869x10S	5/8" x 1/2" QCAB NPT Swivel Male Elbow	58.97	39.31



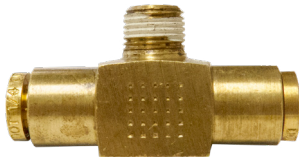
## QCAB Female Elbow

Order Code	Description	RRP	List Price
1870x4	1/4" x 1/8" QCAB NPT Female Elbow	17.04	11.36
1870x4x4	1/4" x 1/4" QCAB NPT Female Elbow	23.58	15.72
1870x6	3/8" x 1/4" QCAB NPT Female Elbow	30.30	20.20



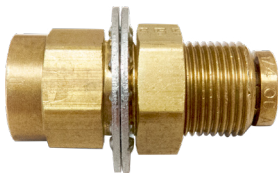
## QCAB Male Run Tee

Order Code	Description	RRP	List Price
1871x6S	3/8" x 1/4" QCAB NPT Swivel Male Run Tee	48.29	32.19
1871x8	1/2" x 3/8" QCAB NPT Male Run Tee	39.75	26.50
1871x8x4S	1/2" x 1/4" QCAB NPT Swivel Male Run Tee	83.64	55.76



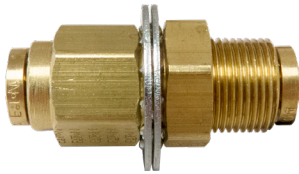
## QCAB Male Branch Tee

Order Code	Description	RRP	List Price
1872x4	1/4" x 1/8" QCAB NPT Male Branch Tee	27.95	18.63
1872x4x4	1/4" x 1/4" QCAB NPT Male Branch Tee	35.57	23.71
1872x4x4S	1/4" x 1/4" QCAB NPT Swivel Male Branch Tee	63.56	42.37
1872x6x2S	3/8" x 1/8" QCAB NPT Swivel Male Branch Tee	51.80	34.53
1872x6S	3/8" x 1/4" QCAB NPT Swivel Male Branch Tee	73.50	49.00
1872x6x6	3/8" x 3/8" QCAB NPT Male Branch Tee	26.99	17.99
1872x6x6S	3/8" x 3/8" QCAB NPT Swivel Male Branch Tee	56.85	37.90
1872x8x4	1/2" x 1/4" QCAB NPT Male Branch Tee	46.58	31.05
1872x8x4S	1/2" x 1/4" QCAB NPT Swivel Male Branch Tee	79.58	53.05
1872x8	1/2" x 3/8" QCAB NPT Male Branch Tee	51.57	34.38
1872x8x8	1/2" x 1/2" QCAB NPT Male Branch Tee	59.15	39.43



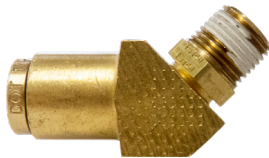
## QCAB Female Bulkhead Union

Order Code	Description	RRP	List Price
1873x4x4	1/4" x 1/4" QCAB NPT Female Bulkhead Union	24.42	16.28
1873x6x6	3/8" x 3/8" QCAB NPT Female Bulkhead Union	24.86	16.57
1873x8x8	1/2" x 1/2" QCAB NPT Female Bulkhead Union	49.49	32.99



## QCAB Bulkhead Union

Order Code	Description	RRP	List Price
1874x4x4	1/4" QCAB Bulkhead Union	27.95	18.63
1874x6x6	3/8" QCAB Bulkhead Union	36.12	24.08
1874x8x8	1/2" QCAB Bulkhead Union	71.57	47.71



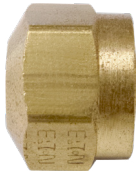
## QCAB Male Elbow 45°

Order Code	Description	RRP	List Price
1880x4S	1/4" x 1/8" – Swivel	28.20	18.80
1880x4x4S	1/4" x 1/4" – Swivel	49.68	33.12
1880x6x2S	3/8" x 1/8" – Swivel	34.13	22.75
1880x6	3/8" x 1/4"	20.15	13.43
1880x6S	3/8" x 1/4" – Swivel	32.96	21.97
1880x6x6	3/8" x 3/8"	22.62	15.08
1880x6x8	3/8" x 1/2"	26.82	17.88
1880x8x4S	1/2" x 1/4" – Swivel	58.13	38.75
1880x8	1/2" x 3/8"	15.57	10.38
1880x8S	1/2" x 3/8" QCAB – Swivel	44.43	29.62
1880x8x8	1/2" x 1/2"	24.72	16.48
1880x8x8S	1/2" x 1/2" – Swivel	48.42	32.28
1880x10	5/8" x 1/2"	39.21	26.14
1880x12	3/4" x 1/2"	48.65	32.43



## Air Brake Sleeve

Order Code	Description	RRP	List Price
1460x4	1/4" Air Brake Sleeve	0.72	0.48
1460x6	3/8" Air Brake Sleeve	0.95	0.63
1460x8	1/2" Air Brake Sleeve	1.19	0.79
1460x10	5/8" Air Brake Sleeve	2.13	1.42
1460x12	3/4" Air Brake Sleeve	5.42	3.61



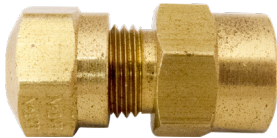
## Air Brake Nut

Order Code	Description	RRP	List Price
1461x4	1/4" Air Brake Nut	1.67	1.11
1461x6	3/8" Air Brake Nut	2.30	1.53
1461x8	1/2" Air Brake Nut	3.98	2.65
1461x10	5/8" Air Brake Nut	5.01	3.34
1461x12	3/4" Air Brake Nut	6.62	4.41



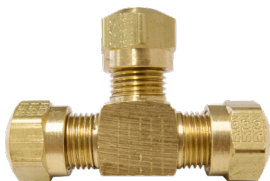
## Air Brake Union

Order Code	Description	RRP	List Price
1462x4	1/4" Air Brake Union	11.06	7.37
1462x6	3/8" Air Brake Union	15.87	10.58
1462x8	1/2" Air Brake Union	23.96	15.97
1462x10	5/8" Air Brake Union	30.18	20.12
1462x12	3/4" Air Brake Union	49.26	32.84



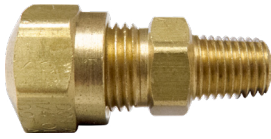
## Air Brake Female Connector

Order Code	Description	RRP	List Price
1466x4	1/4" x 1/8" NPT Female Connector	9.23	6.15
1466x6	3/8" x 1/4" NPT Female Connector	15.11	10.07



## Air Brake Union Tee

Order Code	Description	RRP	List Price
1464x4	1/4" Air Brake Union Tee	24.96	16.64
1464x6	3/8" Air Brake Union Tee	28.31	18.87
1464x6x6x4	3/8" x 3/8" x 1/4" Air Brake Union Tee	42.32	28.21
1464x8	1/2" Air Brake Union Tee	40.32	26.88
1464x8x8x6	1/2" x 1/2" x 3/8" Air Brake Union Tee	50.94	33.96



## Air Brake Male Connector

Order Code	Description	RRP	List Price
1468x4x1	1/4" x 1/16" NPT Male Connector	12.12	8.08
1468x4	1/4" x 1/8" NPT Male Connector	6.80	4.53
1468x4x4	1/4" x 1/4" NPT Male Connector	8.67	5.78
1468x4x6	1/4" x 3/8" NPT Male Connector	14.22	9.48
1468x6x2	3/8" x 1/8" NPT Male Connector	7.67	5.11
1468x6	3/8" x 1/4" NPT Male Connector	9.06	6.04
1468x6x6	3/8" x 3/8" NPT Male Connector	11.48	7.65
1468x6x8	3/8" x 1/2" NPT Male Connector	15.44	10.29
1468x8x4	1/2" x 1/4" NPT Male Connector	14.90	9.93
1468x8	1/2" x 3/8" NPT Male Connector	14.75	9.83
1468x8x8	1/2" x 1/2" NPT Male Connector	18.62	12.41
1468x8x12	1/2" x 3/4" NPT Male Connector	28.50	19.00
1468x10x6	5/8" x 3/8" NPT Male Connector	19.11	12.74
1468x10	5/8" x 1/2" NPT Male Connector	21.33	14.22
1468x10x12	5/8" x 3/4" NPT Male Connector	36.42	24.28
1468x12	3/4" x 1/2" NPT Male Connector	34.55	23.03
1468x12x12	3/4" x 3/4" NPT Male Connector	40.16	26.77



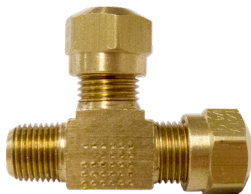
## Air Brake NPT Male Elbow

Order Code	Description	RRP	List Price
1469x4	1/4" x 1/8" Air Brake NPT Male Elbow	8.42	5.61
1469x4x4	1/4" x 1/4" Air Brake NPT Male Elbow	9.95	6.63
1469x4x6	1/4" x 3/8" Air Brake NPT Male Elbow	19.94	13.29
1469x6x2	3/8" x 1/8" Air Brake NPT Male Elbow	12.17	8.11
1469x6	3/8" x 1/4" Air Brake NPT Male Elbow	12.59	8.39
1469x6L	3/8" x 1/4" Air Brake NPT Male Elbow Long Drop	16.50	11.00
1469x6x6	3/8" x 3/8" Air Brake NPT Male Elbow	13.70	9.13
1469x6x8	3/8" x 1/2" Air Brake NPT Male Elbow	20.79	13.86
1469x8x4	1/2" x 1/4" Air Brake NPT Male Elbow	18.18	12.12
1469x8	1/2" x 3/8" Air Brake NPT Male Elbow	18.62	12.41
1469x8L	1/2" x 3/8" Air Brake NPT Male Elbow Long Drop	28.50	19.00
1469x8x8	1/2" x 1/2" Air Brake NPT Male Elbow	20.79	13.86
1469x10x6	5/8" x 3/8" Air Brake NPT Male Elbow	28.59	19.06
1469x10	5/8" x 1/2" Air Brake NPT Male Elbow	27.21	18.14
1469x10x12	5/8" x 3/4" Air Brake NPT Male Elbow	98.75	65.83
1469x12	3/4" x 1/2" Air Brake NPT Male Elbow	50.09	33.39



## Air Brake Female Elbow

Order Code	Description	RRP	List Price
1470x4	1/4" x 1/8" Air Brake NPT Female Elbow	12.77	8.51



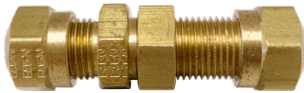
## Air Brake NPT Male Run Tee

Order Code	Description	RRP	List Price
1471x4	1/4" x 1/8" Air Brake NPT Male Run Tee	21.41	14.27
1471x6	3/8" x 1/4" Air Brake NPT Male Run Tee	21.48	14.32
1471x6x4x4	3/8" x 1/4" x 1/4" Air Brake NPT Male Run Tee	35.04	23.36



## Air Brake NPT Male Branch Tee

Order Code	Description	RRP	List Price
1472x4	1/4" x 1/8" Air Brake NPT Male Branch Tee	18.33	12.22
1472x6	3/8" x 1/4" Air Brake NPT Male Branch Tee	22.02	14.68
1472x6x6x6	3/8" x 3/8" x 3/8" Air Brake NPT Male Branch Tee	25.56	17.04
1472x8	1/2" x 3/8" Air Brake NPT Male Branch Tee	43.91	29.27
1472x8x6x6	1/2" x 3/8" x 3/8" Air Brake NPT Male Branch Tee	41.64	27.76



## Air Brake NPT Bulkhead Union

Order Code	Description	RRP	List Price
1474x4	1/4" x 1/4" Air Brake NPT Bulkhead Union	27.65	18.43
1474x6	3/8" x 3/8" Air Brake NPT Bulkhead Union	33.33	22.22



## 45° Air Brake NPT Male Elbow

Order Code	Description	RRP	List Price
1480x4	1/4" x 1/8" 45° Air Brake NPT Male Elbow	14.70	9.80
1480x4x4	1/4" x 1/4" 45° Air Brake NPT Male Elbow	18.75	12.50
1480x6	3/8" x 1/4" 45° Air Brake NPT Male Elbow	15.03	10.02
1480x6x6	3/8" x 3/8" 45° Air Brake NPT Male Elbow	26.63	17.75
1480x8x4	1/2" x 1/4" 45° Air Brake NPT Male Elbow	28.41	18.94
1480x8	1/2" x 3/8" 45° Air Brake NPT Male Elbow	21.45	14.30
1480x8x8	1/2" x 1/2" 45° Air Brake NPT Male Elbow	24.96	16.64
1480x10	5/8" x 1/2" 45° Air Brake NPT Male Elbow	29.00	19.33



## Air Brake Insert

Order Code	Description	RRP	List Price
1484x4	1/4" Air Brake Insert	0.44	0.29
1484x6	3/8" Air Brake Insert	0.54	0.36
1484x8	1/2" Air Brake Insert	1.01	0.67
1484x10	5/8" Air Brake Insert	1.68	1.12
1484x12	3/4" Air Brake Insert	3.02	2.01





## 1300 Series Air Brake Sleeve

Order Code	Description	RRP	List Price
1360x10	5/8" Air Brake Sleeve	2.39	1.59
1360x12	3/4" Air Brake Sleeve	3.54	2.36
1360x4	1/4" Air Brake Sleeve	0.77	0.51
1360x6	3/8" Air Brake Sleeve	0.77	0.51
1360x8	1/2" Air Brake Sleeve	0.99	0.66



## 1300 Series Air Brake Nut

Order Code	Description	RRP	List Price
1361x4	1/4" Air Brake Nut	2.25	1.50
1361x6	3/8" Air Brake Nut	3.56	2.37
1361x8	1/2" Air Brake Nut	6.39	4.26



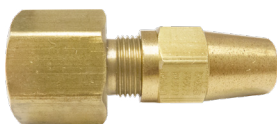
## 1300 Series Air Brake Union

Order Code	Description	RRP	List Price
1362x10	5/8" x 5/8" Air Brake Union	35.28	23.52
1362x12	3/4" x 3/4" Air Brake Union	62.58	41.72
1362x4	1/4" x 1/4" Air Brake Union	9.95	6.63
1362x6	3/8" x 3/8" Air Brake Union	14.25	9.50
1362x8	1/2" x 1/2" Air Brake Union	24.78	16.52



## 1300 Series Air Brake Union Tee

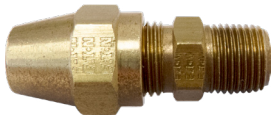
Order Code	Description	RRP	List Price
1364x8	1/2" Air Brake Union Tee	50.70	33.80



## 1300 Series Air Brake NPT Female Connector

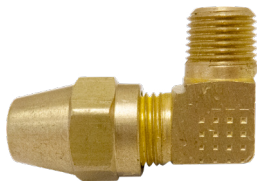
Order Code	Description	RRP	List Price
1366x6x6	3/ x 3/8" Air Brake NPT Fem Conn	13.16	8.77





## 1300 Series Air Brake NPT Male Connector

Order Code	Description	RRP	List Price
1368x10	5/8" x 1/2" Air Brake NPT M Conn	22.10	14.73
1368x10x6	5/8" x 3/8" Air Brake NPT M Conn	25.08	16.72
1368x12	3/4" x 1/2" Air Brake NPT M Conn	37.70	25.13
1368x12x12	3/4" x 3/4" Air Brake NPT M Conn	43.01	28.67
1368x4	1/4" x 1/8" Air Brake NPT M Conn	6.08	4.05
1368x4x4	1/4" x 1/4" Air Brake NPT M Conn	7.61	5.07
1368x6	3/8" x 1/4" Air Brake NPT M Conn	8.87	5.91
1368x6x6	3/8" x 3/8" Air Brake NPT M Conn	11.75	7.83
1368x6x8	3/8" x 1/2" Air Brake NPT M Conn	14.66	9.77
1368x8	1/2" x 3/8" Air Brake NPT M Conn	14.66	9.77
1368x8x8	1/2" x 1/2" Air Brake NPT M Conn	17.85	11.90



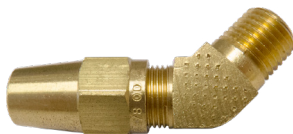
## 1300 Series Air Brake NPT Male Elbow

Order Code	Description	RRP	List Price
1369x10	5/8" x 1/2" Air Brake NPT M Elbow	28.14	18.76
1369x10x6	5/8" x 3/8" Air Brake NPT M Elbow	28.71	19.14
1369x4	1/4" x 1/8" Air Brake NPT M Elbow	8.33	5.55
1369x4x4	1/4" x 1/4" Air Brake NPT M Elbow	9.62	6.41
1369x6	3/8" x 1/4" Air Brake NPT M Elbow	12.12	8.08
1369x6x2	3/8" x 1/8" Air Brake NPT M Elbow	11.37	7.58
1369x6x6	3/8" x 3/8" Air Brake NPT M Elbow	12.63	8.42
1369x6x8	3/8" x 1/2" Air Brake NPT M Elbow	20.39	13.59
1369x8x4	1/2" x 1/4" Air Brake NPT M Elbow	17.58	11.72
1369x8x8	1/2" x 1/2" Air Brake NPT M Elbow	21.86	14.57



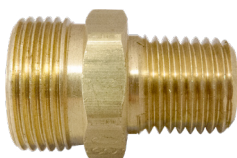
## 1300 Series Air Brake NPT Male Tee

Order Code	Description	RRP	List Price
1372x6	3/8" x 1/4" Air Brake NPT M BR Tee	23.37	15.58
1372x6x6x6	3/8" x 3/8" x 3/8" Air Brake NPT Male	25.10	16.73
1372x8	1/2" x 3/8" Air Brake NPT M BR Tee	41.73	27.82



## 1300 Series Air Brake NPT 45° Male Elbow

Order Code	Description	RRP	List Price
1380x10	5/8" x 1/2" Air Brake 45D NPT Male	29.54	19.69
1380x6	3/8" x 1/4" Air Brake 45D NPT Male	14.19	9.46
1380x6x6	3/8" x 3/8" Air Brake 45D NPT Male	25.77	17.18
1380x8	1/2" x 3/8" Air Brake 45D NPT Male	20.22	13.48



## 1300 Series Air Brake ADPT

Order Code	Description	RRP	List Price
1390x6	3/8" ABS x 1/4" NPT Air Brake ADPT	5.52	3.68
1390x6x6	3/8" ABS x 3/8" NPT Air Brake ADPT	6.08	4.05
1390x6x8	3/8" ABS x 1/2" NPT Air Brake ADPT	8.57	5.71
1390x8	1/2" ABS x 3/8" NPT Air Brake ADPT	5.60	3.73



### Rigid NPT Crimp Male

Order Code	Description	RRP	List Price
33806P-108	3/8" x 1/2" Air Brake NPT Crimp Male Rigid	15.35	10.23
33808P-106	1/2" x 3/8" Air Brake NPT Crimp Male Rigid	11.28	7.52
33808P-108	1/2" x 1/2" Air Brake NPT Crimp Male Rigid	14.10	9.40



### Swivel NPT Crimp Female

Order Code	Description	RRP	List Price
33808P-408	1/2" x 1/2" Air Brake NPT Crimp Female Swivel	17.15	11.43



### ABS Air Brake Swivel

Order Code	Description	RRP	List Price
33806P-Y76	3/8" x 3/8" ABS Air Brake Swivel	21.17	14.11
33808P-Y76	1/2" x 3/8" ABS Air Brake Swivel	14.70	9.80
33808P-Y78	1/2" x 1/2" ABS Air Brake Swivel	18.29	12.19



### Crimp Collar

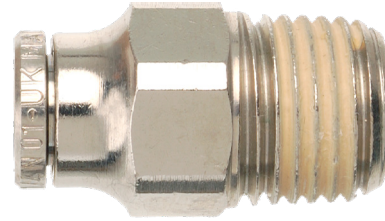
Order Code	Description	RRP	List Price
33806P-C00	3/8" Air Brake Crimp Collar	1.95	1.30

## Style and Description

Known as a 'push-in' or 'push-fit' fitting the Pneufit option allows the tradesman a choice of product that does not require any tools to complete a trouble-free joint.

Because of its compact design and unlimited make and re-make feature, Pneufit is found in the Pneumatic/Robotics sectors.

However, Pneufit can only be used with non-metallic tube in pneumatic applications (should not be used in any hydraulic application).



## Working Pressure

- 0-1000kPa Pneufit Composite
- 0-1800kPa Pneufit Brass

## Operating Pressure

-20°C – +80°C

## Media / Application

- ✓ Low pressure pneumatic applications
- ✓ Automation
- ✗ Hydraulic applications of any type

## Construction

- Body incorporates collet and O-Ring
- Material: Nickel plated Brass and Nitrile O-Ring
- Pipe Thread BSP: Tapered Male (R Series)  
Parallel Female (Rp Series)
- Material: PBT Polybutylene Terephthalate (Composite)

## Tube

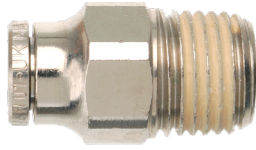
- ✓ Nylon
- ✓ Poly tube
- ✗ Metal tubes

## Assembly & Installation

1. Cut the tube square using a nylon tube cutter.
2. Slide the tube through the collet into the fitting.
3. Slide the tube firmly through the O-Ring until it rests against the tube stop. Pull on the tubing to ensure a secure joint has been made.
4. To disconnect the tube, push on tube, hold down the collet and withdraw the tube.

## Note

Male threads pre-coated with thread sealant.



## PF3 Male Connector

Order Code	Tube x BSPT	RRP	List Price
20003-0202	1/8" x 1/8"	14.67	9.78
20003-0302	3/16" x 1/8"	10.11	6.74
20003-0304	3/16" x 1/4"	12.71	8.47
20003-0402	1/4" x 1/8"	10.67	7.11
20003-0404	1/4" x 1/4"	10.14	6.76
20003-M0802	5/16" X 1/8"	12.71	8.47
20003-0604	3/8" x 1/4"	13.19	8.79
20003-0606	3/8" x 3/8"	13.52	9.01
20003-0608	3/8" x 1/2"	20.09	13.39
20003-0804	1/2" x 1/4"	25.04	16.69
20003-0806	1/2" x 3/8"	24.00	16.00
20003-0808	1/2" x 1/2"	22.76	15.17



## PF4 Tube Union

Order Code	Tube	RRP	List Price
20004-02	1/8"	21.69	14.46
20004-03	3/16"	13.65	9.10
20004-04	1/4"	13.20	8.80
20004-M08	5/16"	12.71	8.47
20004-06	3/8"	15.15	10.10
20004-08	1/2"	21.75	14.50



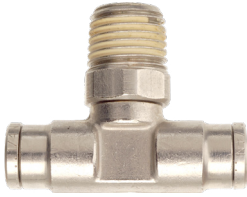
## PF5 Male Elbow – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20005-0202	1/8" x 1/8"	21.69	14.46
20005-0302	3/16" x 1/8"	19.01	12.67
20005-0304	3/16" x 1/4"	19.01	12.67
20005-0402	1/4" x 1/8"	16.46	10.97
20005-0404	1/4" x 1/4"	16.53	11.02
20005-M0802	5/16" x 1/8"	14.91	9.94
20005-0604	3/8" x 1/4"	25.11	16.74
20005-0606	3/8" x 3/8"	27.35	18.23
20005-0608	3/8" x 1/2"	29.54	19.69
20005-0804	1/2" x 1/4"	49.59	33.06
20005-0806	1/2" x 3/8"	34.92	23.28
20005-0808	1/2" x 1/2"	32.01	21.34



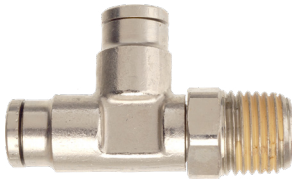
## PF11 Tube Elbow

Order Code	Tube	RRP	List Price
20011-02	1/8"	24.20	16.13
20011-03	3/16"	17.58	11.72
20011-04	1/4"	15.57	10.38
20011-M08	5/16"	15.15	10.10
20011-06	3/8"	20.03	13.35
20011-08	1/2"	24.29	16.19



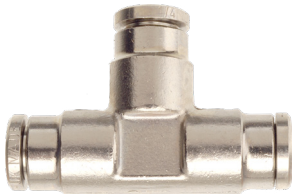
## PF12 Male Branch Tee – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20012-0202	1/8" x 1/8"	32.24	21.49
20012-0302	3/16" x 1/8"	40.13	26.75
20012-0402	1/4" x 1/8"	42.62	28.41
20012-0404	1/4" x 1/4"	42.62	28.41
20012-M0802	5/16" x 1/8"	32.85	21.90
20012-M0804	5/16" x 1/4"	46.53	31.02
20012-0604	3/8" x 1/4"	55.37	36.91
20012-0606	3/8" x 3/8"	64.19	42.79
20012-0808	1/2" x 1/2"	79.32	52.88



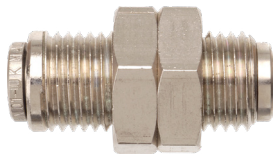
## PF13 Male Run Tee – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20013-0202	1/8" x 1/8"	35.45	23.63
20013-0302	3/16" x 1/8"	41.21	27.47
20013-0404	1/4" x 1/4"	41.21	27.47
20013-M0802	5/16" x 1/8"	45.45	30.30
20013-M0804	5/16" x 1/4"	49.26	32.84



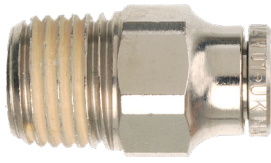
## PF14 Tube Tee

Order Code	Tube	RRP	List Price
20014-02	1/8"	30.54	20.36
20014-03	3/16"	20.87	13.91
20014-04	1/4"	18.21	12.14
20014-M08	5/16"	23.66	15.77
20014-06	3/8"	25.11	16.74
20014-08	1/2"	30.33	20.22



## PF31 Bulkhead Union

Order Code	Tube	RRP	List Price
20031-03	3/16"	38.93	25.95
20031-04	1/4"	40.97	27.31
20031-M08	5/16"	26.52	17.68
20031-06	3/8"	53.97	35.98
20031-08	1/2"	53.97	35.98



## PFM3 Male Connector

Order Code	Tube x BSPT	RRP	List Price
20003-M0402	4mm x 1/8"	11.42	7.61
20003-M0404	4mm x 1/4"	13.37	8.91
20003-M04M5	4mm x M5	25.04	16.69
20003-M0502	5mm x 1/8"	10.80	7.20
20003-M0602	6mm x 1/8"	12.12	8.08
20003-M0604	6mm x 1/4"	15.57	10.38
20003-M06M5	6mm x M5	25.47	16.98
20003-M0802	8mm x 1/8"	12.71	8.47
20003-M0804	8mm x 1/4"	13.91	9.27
20003-M0806	8mm x 3/8"	13.91	9.27
20003-M0808	8mm x 1/2"	22.86	15.24
20003-M1002	10mm x 1/8"	20.37	13.58
20003-M1004	10mm x 1/4"	20.82	13.88
20003-M1006	10mm x 3/8"	22.53	15.02
20003-M1008	10mm x 1/2"	24.24	16.16
20003-M1204	12mm x 1/4"	23.64	15.76
20003-M1206	12mm x 3/8"	33.30	22.20
20003-M1208	12mm x 1/2"	30.44	20.29



## PFM4 Tube Union

Order Code	Tube	RRP	List Price
20004-M04	4mm	11.58	7.72
20004-M05	5mm	27.00	18.00
20004-M06	6mm	12.12	8.08
20004-M08	8mm	12.71	8.47
20004-M10	10mm	17.22	11.48
20004-M12	12mm	25.83	17.22



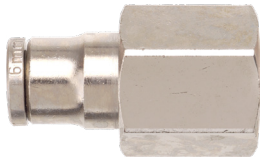
## PFM5 Male Elbow – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20005-M0402	4mm x 1/8"	13.25	8.83
20005-M0404	4mm x 1/4"	15.68	10.45
20005-M04M5	4mm x M5	29.09	19.39
20005-M0502	5mm x 1/8"	27.17	18.11
20005-M0602	6mm x 1/8"	14.06	9.37
20005-M0604	6mm x 1/4"	17.90	11.93
20005-M06M5	6mm x M5	29.09	19.39
20005-M0802	8mm x 1/8"	14.91	9.94
20005-M0804	8mm x 1/4"	15.26	10.17
20005-M0806	8mm x 3/8"	19.76	13.17
20005-M0808	8mm x 1/2"	25.11	16.74
20005-M1002	10mm x 1/8"	22.97	15.31
20005-M1004	10mm x 1/4"	23.34	15.56
20005-M1006	10mm x 3/8"	26.04	17.36
20005-M1008	10mm x 1/2"	28.41	18.94
20005-M1204	12mm x 1/4"	28.41	18.94
20005-M1206	12mm x 3/8"	33.30	22.20
20005-M1208	12mm x 1/2"	27.41	18.27



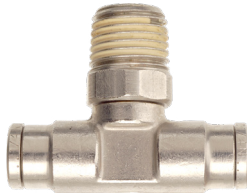
## PFM11 Tube Elbow

Order Code	Tube	RRP	List Price
20011-M04	4mm	26.46	17.64
20011-M06	6mm	16.46	10.97
20011-M08	8mm	15.15	10.10
20011-M10	10mm	19.86	13.24
20011-M12	12mm	26.07	17.38



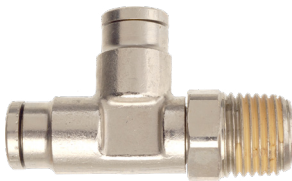
## PFM10 Female Connector

Order Code	Tube x BSP	RRP	List Price
20010-M0402	4mm x 1/8"	35.45	23.63
20010-M0404	4mm x 1/4"	37.44	24.96
20010-M0602	6mm x 1/8"	19.25	12.83
20010-M0604	6mm x 1/4"	19.91	13.27
20010-M0802	8mm x 1/8"	18.11	12.07
20010-M0804	8mm x 1/4"	23.82	15.88
20010-M1004	10mm x 1/4"	23.31	15.54
20010-M1006	10mm x 3/8"	24.47	16.31
20010-M1206	12mm x 3/8"	81.92	54.61
20010-M1208	12mm x 1/2"	40.74	27.16



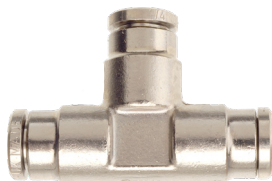
## PFM12 Male Branch Tee – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20012-M0402	4mm x 1/8"	22.58	15.05
20012-M0602	6mm x 1/8"	21.89	14.59
20012-M0604	6mm x 1/4"	21.54	14.36
20012-M0802	8mm x 1/8"	32.85	21.90
20012-M0804	8mm x 1/4"	46.53	31.02
20012-M1004	10mm x 1/4"	59.61	39.74
20012-M1006	10mm x 3/8"	56.78	37.85
20012-M1204	12mm x 1/4"	65.93	43.95
20012-M1206	12mm x 3/8"	69.54	46.36
20012-M1208	12mm x 1/2"	69.54	46.36



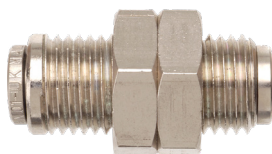
## PFM13 Male Run Tee – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20013-M0402	4mm x 1/8"	61.50	41.00
20013-M0602	6mm x 1/8"	26.28	17.52
20013-M0604	6mm x 1/4"	24.80	16.53
20013-M0802	8mm x 1/8"	45.45	30.30
20013-M0804	8mm x 1/4"	49.26	32.84
20013-M1004	10mm x 1/4"	63.15	42.10
20013-M1006	10mm x 3/8"	66.38	44.25
20013-M1204	12mm x 1/4"	63.03	42.02
20013-M1206	12mm x 3/8"	63.03	42.02
20013-M1208	12mm x 1/2"	66.45	44.30



## PFM14 Tube Tee

Order Code	Tube	RRP	List Price
20014-M04	4mm	20.25	13.50
20014-M06	6mm	20.25	13.50
20014-M08	8mm	23.66	15.77
20014-M10	10mm	26.81	17.87
20014-M12	12mm	32.25	21.50



## PFM31 Bulkhead Union

Order Code	Tube	RRP	List Price
20031-M04	4mm	26.04	17.36
20031-M06	6mm	27.06	18.04
20031-M08	8mm	26.52	17.68
20031-M10	10mm	30.81	20.54
20031-M12	12mm	38.24	25.49





## PF3C Male Connector

Order Code	Tube x BSPT	RRP	List Price
20003-0202C	1/8" x 1/8"	7.14	4.76
20003-0302C	3/16" x 1/8"	6.09	4.06
20003-0304C	3/16" x 1/4"	6.42	4.28
20003-0402C	1/4" x 1/8"	8.82	5.88
20003-0404C	1/4" x 1/4"	9.26	6.17
20003-M0802C	5/16" x 1/8"	5.19	3.46
20003-M0808C	5/16" x 1/2"	8.04	5.36
20003-0604C	3/8" x 1/4"	8.72	5.81
20003-0606C	3/8" x 3/8"	10.04	6.69
20003-0608C	3/8" x 1/2"	10.85	7.23
20003-0804C	1/2" x 1/4"	11.69	7.79
20003-0806C	1/2" x 3/8"	12.33	8.22
20003-0808C	1/2" x 1/2"	14.03	9.35



## PF4C Tube Union

Order Code	Tube	RRP	List Price
20004-02C	1/8"	12.36	8.24
20004-03C	3/16"	8.27	5.51
20004-04C	1/4"	8.27	5.51
20004-M08C	5/16"	7.17	4.78
20004-06C	3/8"	9.80	6.53
20004-08C	1/2"	11.67	7.78



## PF5C Male Elbow – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20005-0202C	1/8" x 1/8"	11.16	7.44
20005-0302C	3/16" x 1/8"	7.98	5.32
20005-0304C	3/16" x 1/4"	8.60	5.73
20005-0402C	1/4" x 1/8"	12.33	8.22
20005-0404C	1/4" x 1/4"	13.41	8.94
20005-M0802C	5/16" x 1/8"	8.45	5.63
20005-M0804C	5/16" x 1/4"	8.45	5.63
20005-M0806C	5/16" x 3/8"	8.49	5.66
20005-M0808C	5/16" x 1/2"	11.42	7.61
20005-0604C	3/8" x 1/4"	21.30	14.20
20005-0606C	3/8" x 3/8"	22.07	14.71
20005-0608C	3/8" x 1/2"	27.83	18.55
20005-0804C	1/2" x 1/4"	14.27	9.51
20005-0806C	1/2" x 3/8"	14.96	9.97
20005-0808C	1/2" x 1/2"	19.08	12.72



## PF11C Tube Elbow

Order Code	Tube	RRP	List Price
20011-02C	1/8"	11.75	7.83
20011-03C	3/16"	7.10	4.73
20011-04C	1/4"	7.10	4.73
20011-06C	3/8"	11.34	7.56
20011-08C	1/2"	11.34	7.56





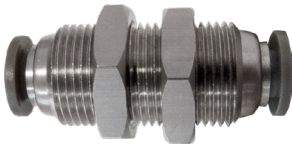
## PF12C Male Branch Tee – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20012-0302C	3/16" x 1/8"	12.60	8.40
20012-0402C	1/4" x 1/8"	17.63	11.75
20012-0404C	1/4" x 1/4"	18.23	12.15
20012-M0802C	5/16" x 1/8"	11.81	7.87
20012-M0804C	5/16" x 1/8"	12.15	8.10
20012-0604C	3/8" x 1/4"	24.77	16.51
20012-0806C	1/2" x 3/8"	26.27	17.51
20012-0808C	1/2" x 1/2"	29.15	19.43



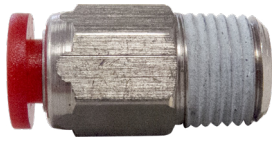
## PF14C Tube Tee

Order Code	Tube	RRP	List Price
20014-02C	1/8"	18.23	12.15
20014-03C	3/16"	11.67	7.78
20014-04C	1/4"	11.67	7.78
20014-M08C	5/16"	9.47	6.31
20014-06C	3/8"	12.63	8.42
20014-08C	1/2"	15.95	10.63



## PF31C Bulkhead Union

Order Code	Tube	RRP	List Price
20031-03C	3/16"	18.05	12.03
20031-04C	1/4"	18.05	12.03
20031-M08C	5/16"	16.20	10.80
20031-06C	3/8"	31.05	20.70
20031-08C	1/2"	44.72	29.81



## PFM3C Male Connector

Order Code	Tube x BSPT	RRP	List Price
20003-M0402C	4mm x 1/8"	4.43	2.95
20003-M0404C	4mm x 1/4"	4.62	3.08
20003-M04M5C	4mm x M5	7.82	5.21
20003-M0602C	6mm x 1/8"	4.77	3.18
20003-M0604C	6mm x 1/4"	4.98	3.32
20003-M06M5C	6mm x M5	8.09	5.39
20003-M0802C	8mm x 1/8"	5.19	3.46
20003-M0804C	8mm x 1/4"	5.39	3.59
20003-M0806C	8mm x 3/8"	6.12	4.08
20003-M0808C	8mm x 1/2"	8.04	5.36
20003-M1002C	10mm x 1/8"	8.27	5.51
20003-M1004C	10mm x 1/4"	8.27	5.51
20003-M1006C	10mm x 3/8"	8.27	5.51
20003-M1008C	10mm x 1/2"	8.97	5.98
20003-M1204C	12mm x 1/4"	9.48	6.32
20003-M1206C	12mm x 3/8"	9.48	6.32
20003-M1208C	12mm x 1/2"	9.80	6.53



## PFM4C Tube Union

Order Code	Tube	RRP	List Price
20004-M04C	4mm	6.54	4.36
20004-M06C	6mm	6.59	4.39
20004-M08C	8mm	7.17	4.78
20004-M10C	10mm	9.12	6.08
20004-M12C	12mm	11.06	7.37



## PFM5C Male Elbow – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20005-M0402C	4mm x 1/8"	6.21	4.14
20005-M0404C	4mm x 1/4"	7.04	4.69
20005-M04M5C	4mm x M5	8.60	5.73
20005-M0602C	6mm x 1/8"	7.10	4.73
20005-M0604C	6mm x 1/4"	7.10	4.73
20005-M06M5C	6mm x M5	9.95	6.63
20005-M0802C	8mm x 1/8"	8.45	5.63
20005-M0804C	8mm x 1/4"	8.45	5.63
20005-M0806C	8mm x 3/8"	8.49	5.66
20005-M0808C	8mm x 1/2"	11.42	7.61
20005-M1002C	10mm x 1/8"	11.42	7.61
20005-M1004C	10mm x 1/4"	11.69	7.79
20005-M1006C	10mm x 3/8"	11.87	7.91
20005-M1008C	10mm x 1/2"	12.33	8.22
20005-M1204C	12mm x 1/4"	13.32	8.88
20005-M1206C	12mm x 3/8"	13.41	8.94
20005-M1208C	12mm x 1/2"	13.56	9.04



## PFM11C Tube Elbow

Order Code	Tube	RRP	List Price
20011-M04C	4mm	6.39	4.26
20011-M06C	6mm	6.69	4.46
20011-M08C	8mm	7.35	4.90
20011-M10C	10mm	10.10	6.73
20011-M12C	12mm	11.06	7.37



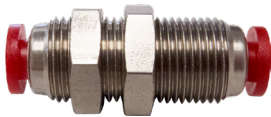
## PFM12C Male Branch Tee – Swivel Type

Order Code	Tube x BSPT	RRP	List Price
20012-M0402C	4mm x 1/8"	9.48	6.32
20012-M0602C	6mm x 1/8"	10.47	6.98
20012-M0604C	6mm x 1/4"	10.83	7.22
20012-M0802C	8mm x 1/8"	11.81	7.87
20012-M0804C	8mm x 1/4"	12.15	8.10
20012-M1004C	10mm x 1/4"	14.96	9.97
20012-M1006C	10mm x 3/8"	15.84	10.56
20012-M1204C	12mm x 1/4"	18.08	12.05
20012-M1206C	12mm x 3/8"	18.08	12.05
20012-M1208C	12mm x 1/2"	18.68	12.45



## PFM14C Tube Tee

Order Code	Tube	RRP	List Price
20014-M04C	4mm	8.33	5.55
20014-M06C	6mm	8.45	5.63
20014-M08C	8mm	9.47	6.31
20014-M10C	10mm	10.47	6.98
20014-M12C	12mm	13.32	8.88



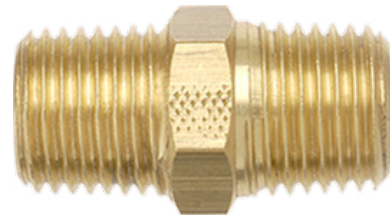
## PFM31C Bulkhead Union

Order Code	Tube	RRP	List Price
20031-M04C	4mm	12.02	8.01
20031-M06C	6mm	14.27	9.51
20031-M08C	8mm	16.20	10.80
20031-M10C	10mm	20.97	13.98
20031-M12C	12mm	28.70	19.13

## Style & Description

Threaded adaptors are made with tapered male and parallel female ends, this range can be used to adapt from male to female thread or to re-size a threaded end as required.

All TubeFit brand Threaded Adaptors may be used with other BSP threaded products manufactured from brass alloys.



## Working Pressure

TubeFit threaded adaptors are able to withstand medium to high pressures. Please use the table below as a guideline.

## Media/Application

- ✓ Gas
- ✓ Water
- ✓ Air and Hydraulics

## Construction

- Material: Brass
- Pipe Thread: BSP – Tapered Male (R Series) and Parallel Female (RP Series)
- NPT
- Metric x BSP
- Metric x NPT
- All metric threads x 1.5 pitch
- Material: 316 Stainless Steel
- Pipe Thread: BSP – Tapered Male (R Series) and Parallel Female (RP Series)

## Assembly & Installation

1. Tighten fitting to 'spanner firm' position.  
**(Caution: do not over-tighten)**
2. If used in a pneumatic application, apply a soapy solution to the joint to be certain a positive seal has been made. Visually inspect for leaks if used in an hydraulic application.  
**Note:** If mating threads manufactured by different companies, Loctite 567 Thread Sealant is recommended. It is not good practice to use thread tape with tapered threads.

## Maximum Working Pressure (kPa)

Pipe Size	Brass Alloy	
	Hydraulic	Pneumatic
1/8"	13750	3500
1/4"	13750	3500
3/8"	13750	2750
1/2"	10400	2750
3/4"	7000	2000
1"	4000	1250

### Plumbing Style

- Manufactured to comply to Australian Standard
- Water Marked to AS 3688 License WMKA 02387

### Construction

- BSPP Threads
- Brass

### Media/Application

- ✓ Suitable for domestic, industrial, and agricultural plumbing
- ✓ Water

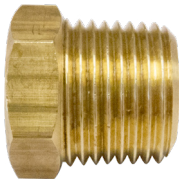
### Temperature

0°C – 96°C

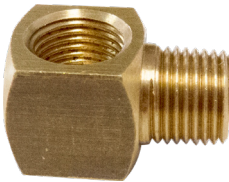
### Pressure

Maximum working pressure 1400kPa – All sizes




**24 M & F Reducing Bush**

Order Code	BSPT x BSP	RRP	List Price
01024-0402	1/4" x 1/8"	2.39	1.59
01024-0602	3/8" x 1/8"	3.27	2.18
01024-0604	3/8" x 1/4"	3.45	2.30
01024-0802	1/2" x 1/8"	5.79	3.86
01024-0804	1/2" x 1/4"	5.06	3.37
01024-0806	1/2" x 3/8"	5.06	3.37
01024-1202	3/4" x 1/8"	13.61	9.07
01024-1204	3/4" x 1/4"	9.87	6.58
01024-1206	3/4" x 3/8"	9.87	6.58
01024-1208	3/4" x 1/2"	9.87	6.58
01024-1606	1" x 3/8"	20.25	13.50
01024-1608	1" x 1/2"	17.40	11.60
01024-1612	1" x 3/4"	17.40	11.60


**25E M & F Extruded Elbow**

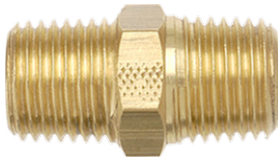
Order Code	BSPT x BSP	RRP	List Price
01025-02	1/8" x 1/8"	4.34	2.89
01025-0204	1/8" x 1/4"	10.95	7.30
01025-04	1/4" x 1/4"	6.84	4.56
01025-0406	1/4" x 3/8"	20.76	13.84
01025-06	3/8" x 3/8"	17.87	11.91
01025-08	1/2" x 1/2"	19.76	13.17


**25E 45° M & F Extruded Elbow**

Order Code	BSPT x BSP	RRP	List Price
01025-4502	1/8" x 1/8"	8.99	5.99
01025-450204	1/8" x 1/4"	9.41	6.27
01025-4504	1/4" x 1/4"	10.62	7.08
01025-4506	3/8" x 3/8"	22.98	15.32
01025-4508	1/2" x 1/2"	25.14	16.76


**26 Female Hex Socket**

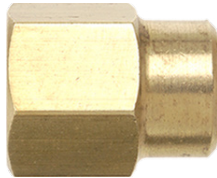
Order Code	BSP	RRP	List Price
01026-02	1/8"	1.91	1.27
01026-04	1/4"	3.02	2.01
01026-06	3/8"	4.82	3.21
01026-08	1/2"	7.82	5.21
01026-12	3/4"	12.30	8.20
01026-16	1"	20.31	13.54


**27 Male Hex Nipple**

Order Code	BSPT	RRP	List Price
01027-02	1/8"	1.58	1.05
01027-04	1/4"	3.03	2.02
01027-06	3/8"	4.82	3.21
01027-08	1/2"	7.50	5.00
01027-12	3/4"	13.82	9.21
01027-16	1"	20.43	13.62


**28 Male Long Hex Nipple**

Order Code	BSPT x Length	RRP	List Price
01028-0224	1/8" x 1 1/2"	5.09	3.39
01028-0232	1/8" x 2"	5.39	3.59
01028-0424	1/4" x 1 1/2"	7.19	4.79
01028-0432	1/4" x 2"	7.07	4.71
01028-0440	1/4" x 2 1/2"	9.15	6.10
01028-0448	1/4" x 3"	10.58	7.05


**29 Female Reducing Hex Socket**

Order Code	BSP x BSP	RRP	List Price
01029-0402	1/4" x 1/8"	4.34	2.89
01029-0602	3/8" x 1/8"	6.32	4.21
01029-0604	3/8" x 1/4"	4.95	3.30
01029-0802	1/2" x 1/8"	12.69	8.46
01029-0804	1/2" x 1/4"	10.29	6.86
01029-0806	1/2" x 3/8"	10.29	6.86
01029-1206	3/4" x 3/8"	21.65	14.43
01029-1208	3/4" x 1/2"	17.75	11.83
01029-1612	1" x 3/4"	36.98	24.65


**34 Female Elbow**

Order Code	BSP	RRP	List Price
01034-02	1/8"	8.75	5.83
01034-04	1/4"	10.29	6.86
01034-06	3/8"	15.95	10.63
01034-08	1/2"	17.69	11.79


**34 45° Female Elbow**

Order Code	BSP	RRP	List Price
01034-4502	1/8"	15.26	10.17
01034-4504	1/4"	14.40	9.60
01034-4506	3/8"	25.44	16.96



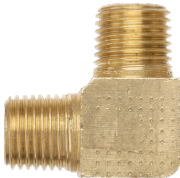
### 35 Female Tee

Order Code	BSP	RRP	List Price
01035-02	1/8"	10.59	7.06
01035-04	1/4"	13.65	9.10
01035-04M	1/4" Male	18.72	12.48
01035-04MF	1/4" Male Branch	28.67	19.11
01035-06	3/8"	23.27	15.51
01035-08	1/2"	25.73	17.15
01035-08MF	1/2" Male Branch	43.56	29.04



### 37 Female Cross

Order Code	BSP	RRP	List Price
01037-02	1/8"	22.59	15.06
01037-04	1/4"	22.82	15.21
01037-06	3/8"	43.41	28.94
01037-08	1/2"	41.85	27.90



### 48 Male Elbow

Order Code	BSPT	RRP	List Price
01048-02	1/8" x 1/8"	10.07	6.71
01048-0204	1/8" x 1/4"	14.75	9.83
01048-04	1/4" x 1/4"	10.29	6.86
01048-06	3/8" x 3/8"	11.15	7.43
01048-0604	3/8" x 1/4"	15.47	10.31
01048-08	1/2" x 1/2"	20.00	13.33



### 64 Solid Male Taper Plug

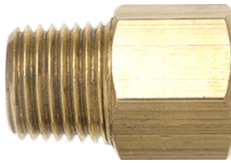
Order Code	BSPT	RRP	List Price
01064-02	1/8"	1.38	0.92
01064-04	1/4"	2.55	1.70
01064-06	3/8"	3.14	2.09
01064-08	1/2"	5.73	3.82
01064-12	3/4"	9.87	6.58
01064-16	1"	19.17	12.78



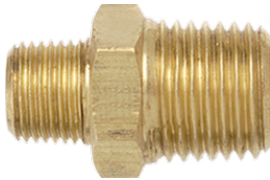
### 71 Female Tank Collar

Order Code	BSP x Boss Diameter	RRP	List Price
01071-0208	1/8" x 1/2"	4.82	3.21
01071-0209	1/8" x 9/16"	5.48	3.65
01071-0410	1/4" x 5/8"	5.07	3.38
01071-0614	3/8" x 7/8"	11.45	7.63
01071-0816	1/2" x 1"	9.18	6.12




**72 M & F Adaptor**

Order Code	BSP Fem x BSPT Male	RRP	List Price
01072-0202	1/8" x 1/8"	3.90	2.60
01072-020224	1/8" x 1/8" x 1 1/2"	6.02	4.01
01072-0402	1/4" x 1/8"	2.84	1.89
01072-0404	1/4" x 1/4"	4.26	2.84
01072-0602	3/8" x 1/8"	6.95	4.63
01072-0604	3/8" x 1/4"	5.87	3.91
01072-0606	3/8" x 3/8"	6.15	4.10
01072-0804	1/2" x 1/4"	10.94	7.29
01072-0806	1/2" x 3/8"	9.44	6.29
01072-0808	1/2" x 1/2"	9.44	6.29
01072-1204	3/4" x 1/4"	20.87	13.91
01072-1208	3/4" x 1/2"	15.29	10.19
01072-1608	1" x 1/2"	47.36	31.57


**73 Male Reducing Nipple**

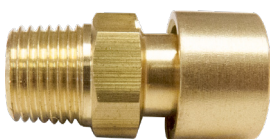
Order Code	BSPT x BSPT	RRP	List Price
01073-0402	1/4" x 1/8"	3.38	2.25
01073-0602	3/8" x 1/8"	5.09	3.39
01073-0604	3/8" x 1/4"	4.37	2.91
01073-0804	1/2" x 1/4"	7.19	4.79
01073-0806	1/2" x 3/8"	7.35	4.90
01073-1204	3/4" x 1/4"	15.60	10.40
01073-1206	3/4" x 3/8"	16.43	10.95
01073-1208	3/4" x 1/2"	17.13	11.42
01073-1608	1" x 1/2"	25.88	17.25
01073-1612	1" x 3/4"	25.88	17.25


**74 Female Lock Nut**

Order Code	BSP	RRP	List Price
01074-02	1/8"	2.10	1.40
01074-04	1/4"	2.27	1.51
01074-06	3/8"	2.85	1.90
01074-08	1/2"	4.82	3.21
01074-12	3/4"	7.19	4.79
01074-16	1"	10.62	7.08


**75 Y – Piece**

Order Code	BSP	RRP	List Price
01075-02	1/8" Female	30.59	20.39
01075-04	1/4" Female	35.93	23.95
01075-M04	1/4" Male	25.04	16.69
01075-M06	3/8" Male	31.44	20.96


**76 Male Breather Cap**

Order Code	BSPT	RRP	List Price
01076-02	1/8"	13.70	9.13
01076-04	1/4"	12.59	8.39
01076-06	3/8"	16.56	11.04



## M & F Reducing Bush

Order Code	BSPP x BSPP	RRP	List Price
27024-0806	1/2" x 3/8"	4.76	3.17
27024-1208	3/4" x 1/2"	4.11	2.74
27024-1604	1" x 1/4" (Tapered Male)	13.02	8.68
27024-1606	1" x 3/8" (Tapered Male)	10.70	7.13
27024-1608	1" x 1/2"	10.10	6.73
27024-1612	1" x 3/4"	11.09	7.39
27024-2008	1 1/4" x 1/2"	21.59	14.39
27024-2012	1 1/4" x 3/4"	17.46	11.64
27024-2016	1 1/4" x 1"	16.86	11.24
27024-2408	1 1/2" x 1/2"	25.76	17.17
27024-2412	1 1/2" x 3/4"	24.60	16.40
27024-2416	1 1/2" x 1"	19.76	13.17
27024-2420	1 1/2" x 1 1/4"	14.57	9.71
27024-3208	2" x 1/2"	36.50	24.33
27024-3212	2" x 3/4"	43.64	29.09
27024-3216	2" x 1"	41.64	27.76
27024-3220	2" x 1 1/4"	38.39	25.59
27024-3224	2" x 1 1/2"	28.64	19.09
27024-4032	2 1/2" x 2"	45.86	30.57
27024-4832	3" x 2"	86.09	57.39
27024-4840	3" x 2 1/2"	61.76	41.17



## M & F Elbow

Order Code	BSPP x BSP	RRP	List Price
27025-02	1/8" x 1/8" (Tapered Male)	4.95	3.30
27025-04	1/4" x 1/4" (Tapered Male)	4.85	3.23
27025-06	3/8" x 3/8" (Tapered Male)	7.97	5.31
27025-08	1/2" x 1/2"	11.24	7.49
27025-12	3/4" x 3/4"	13.65	9.10
27025-16	1" x 1"	40.77	27.18
27025-20	1 1/4" x 1 1/4"	49.31	32.87
27025-24	1 1/2" x 1 1/2"	59.49	39.66
27025-32	2" x 2"	75.36	50.24



## Female Hex Socket

Order Code	BSPP	RRP	List Price
27026-04	1/4"	2.33	1.55
27026-06	3/8"	4.19	2.79
27026-08	1/2"	4.47	2.98
27026-12	3/4"	7.37	4.91
27026-16	1"	10.40	6.93
27026-20	1 1/4"	18.65	12.43
27026-24	1 1/2"	27.98	18.65
27026-32	2"	43.02	28.68



## Female Hex Reducing Socket

Order Code	BSPP	RRP	List Price
27029-1208	3/4" x 1/2"	7.97	5.31
27029-1612	1" x 3/4"	16.05	10.70



## Male Hex Nipple

Order Code	BSPP	RRP	List Price
27027-08	1/2"	3.81	2.54
27027-12	3/4"	6.21	4.14
27027-16	1"	10.40	6.93
27027-20	1 1/4"	15.42	10.28
27027-24	1 1/2"	23.79	15.86
27027-32	2"	29.04	19.36



## All Thread Nipple

Order Code	BSPP x Length (Inches)	RRP	List Price
27028-0406	1/4" x 6"	11.39	7.59
27028-0412	1/4" x 12"	22.07	14.71
27028-0606	3/8" x 6"	13.35	8.90
27028-0612	3/8" x 12"	26.28	17.52
27028-0806	1/2" x 6"	17.01	11.34
27028-0812	1/2" x 12"	33.20	22.13
27028-1206	3/4" x 6"	23.42	15.61
27028-1212	3/4" x 12"	45.69	30.46
27028-1606	1" x 6"	37.56	25.04
27028-1612	1" x 12"	76.67	51.11



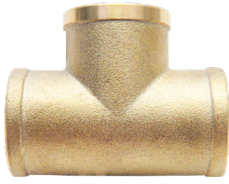
## Plumbers Cap

Order Code	BSPP	RRP	List Price
27033-02	1/8"	2.75	1.83
27033-04	1/4"	3.59	2.39
27033-06	3/8"	4.28	2.85
27033-08	1/2"	3.30	2.20
27033-12	3/4"	4.50	3.00
27033-16	1"	8.82	5.88
27033-20	1 1/4"	13.02	8.68
27033-24	1 1/2"	19.56	13.04
27033-32	2"	23.93	15.95

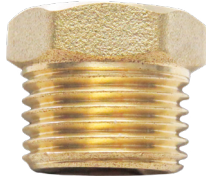


## F & F Elbow

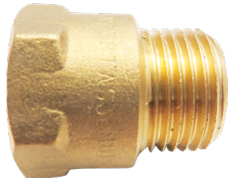
Order Code	BSPP	RRP	List Price
27034-02	1/8"	3.86	2.57
27034-04	1/4"	5.28	3.52
27034-06	3/8"	7.68	5.12
27034-08	1/2"	10.23	6.82
27034-12	3/4"	14.30	9.53
27034-16	1"	27.18	18.12
27034-20	1 1/4"	40.29	26.86
27034-24	1 1/2"	48.26	32.17
27034-32	2"	75.00	50.00


**Female Tee**

Order Code	BSPP	RRP	List Price
27035-02	1/8"	3.65	2.43
27035-04	1/4"	5.94	3.96
27035-06	3/8"	8.24	5.49
27035-08	1/2"	11.28	7.52
27035-12	3/4"	14.79	9.86
27035-16	1"	35.16	23.44
27035-20	1 1/4"	52.86	35.24
27035-24	1 1/2"	57.86	38.57
27035-32	2"	89.24	59.49


**Hex Plug**

Order Code	BSPP	RRP	List Price
27064-08	1/2"	3.51	2.34
27064-12	3/4"	5.25	3.50
27064-16	1"	9.38	6.25
27064-20	1 1/4"	16.85	11.23
27064-24	1 1/2"	21.56	14.37
27064-32	2"	27.78	18.52


**M & F Adaptor**

Order Code	BSPP Fem x BSPP Male	RRP	List Price
27072-0808	1/2" x 1/2"	4.94	3.29
27072-1208	3/4" x 1/2"	7.22	4.81
27072-1212	3/4" x 3/4"	7.62	5.08
27072-1612	1" x 3/4"	14.67	9.78
27072-1616	1" x 1"	15.57	10.38
27072-2012	1 1/4" x 3/4"	19.01	12.67
27072-2016	1 1/4" x 1"	19.47	12.98
27072-2020	1 1/4" x 1 1/4"	23.69	15.79
27072-2416	1 1/2" x 1"	25.77	17.18
27072-2420	1 1/2" x 1 1/4"	28.47	18.98
27072-2424	1 1/2" x 1 1/2"	26.28	17.52
27072-3220	2" x 1 1/4"	39.77	26.51
27072-3224	2" x 1 1/2"	39.63	26.42
27072-3232	2" x 2"	40.82	27.21



## Hex Reducing Nipple

Order Code	BSPP x BSPP	RRP	List Price
27073-1208	3/4" x 1/2"	5.82	3.88
27073-1608	1" x 1/2"	10.19	6.79
27073-1612	1" x 3/4"	9.68	6.45
27073-2012	1 1/4" x 3/4"	15.98	10.65
27073-2016	1 1/4" x 1"	18.14	12.09
27073-2416	1 1/2" x 1"	20.61	13.74
27073-2420	1 1/2" x 1 1/4"	22.61	15.07
27073-3220	2" x 1 1/4"	33.44	22.29
27073-3224	2" x 1 1/2"	46.28	30.85



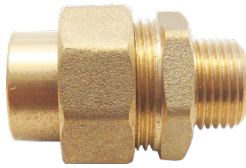
## Locknut

Order Code	BSPP	RRP	List Price
27074-08	1/2"	1.97	1.31
27074-12	3/4"	3.62	2.41
27074-16	1"	5.48	3.65
27074-20	1 1/4"	9.05	6.03
27074-24	1 1/2"	11.96	7.97
27074-32	2"	12.84	8.56



## F & F Union

Order Code	BSPP	RRP	List Price
27085-02	1/8"	6.29	4.19
27085-04	1/4"	7.86	5.24
27085-06	3/8"	16.49	10.99
27085-08	1/2"	18.17	12.11
27085-12	3/4"	24.92	16.61
27085-16	1"	36.41	24.27
27085-20	1 1/4"	50.09	33.39
27085-24	1 1/2"	66.78	44.52
27085-32	2"	101.75	67.83



## M & F Union

Order Code	BSPP	RRP	List Price
27087-04	1/4"	8.75	5.83
27087-06	3/8"	18.33	12.22
27087-08	1/2"	18.50	12.33
27087-12	3/4"	25.59	17.06
27087-16	1"	35.30	23.53
27087-20	1 1/4"	56.00	37.33
27087-24	1 1/2"	80.61	53.74
27087-32	2"	115.80	77.20


**24SS M & F Reducing Bush**

Order Code	BSPT x BSP	RRP	List Price
675024-0402	1/4" x 1/8"	5.66	3.77
675024-0602	3/8" x 1/8"	6.48	4.32
675024-0604	3/8" x 1/4"	6.48	4.32
675024-0802	1/2" x 1/8"	11.64	7.76
675024-0804	1/2" x 1/4"	11.64	7.76
675024-0806	1/2" x 3/8"	11.64	7.76
675024-1204	3/4" x 1/4"	12.36	8.24
675024-1206	3/4" x 3/8"	10.37	6.91
675024-1208	3/4" x 1/2"	10.55	7.03
675024-1608	1" x 1/2"	14.90	9.93
675024-1612	1" x 3/4"	14.90	9.93
675024-2012	1 1/4" x 3/4"	23.96	15.97
675024-2016	1 1/4" x 1"	23.96	15.97
675024-2416	1 1/2" x 1"	28.34	18.89
675024-2420	1 1/2" x 1 1/4"	28.34	18.89
675024-3216	2" x 1"	52.73	35.15
675024-3224	2" x 1 1/2"	45.42	30.28


**25SS M & F Elbow**

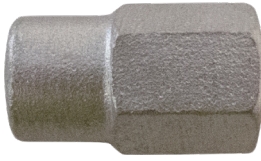
Order Code	BSPT x BSP	RRP	List Price
675025-02	1/8" x 1/8"	9.48	6.32
675025-04	1/4" x 1/4"	8.31	5.54
675025-06	3/8" x 3/8"	11.37	7.58
675025-08	1/2" x 1/2"	13.19	8.79
675025-12	3/4" x 3/4"	17.18	11.45
675025-16	1" x 1"	25.32	16.88


**26SS Female Socket**

Order Code	BSP	RRP	List Price
675026-02	1/8"	4.89	3.26
675026-04	1/4"	5.43	3.62
675026-06	3/8"	6.21	4.14
675026-08	1/2"	8.99	5.99
675026-12	3/4"	12.30	8.20
675026-16	1"	18.80	12.53
675026-20	1 1/4"	31.26	20.84
675026-24	1 1/2"	35.45	23.63
675026-32	2"	52.10	34.73
675026-48	3"	118.83	79.22


**27SS Male Hex Nipple**

Order Code	BSPT	RRP	List Price
675027-02	1/8"	6.32	4.21
675027-04	1/4"	6.21	4.14
675027-06	3/8"	7.89	5.26
675027-08	1/2"	11.06	7.37
675027-12	3/4"	12.50	8.33
675027-16	1"	18.17	12.11
675027-20	1 1/4"	26.48	17.65
675027-24	1 1/2"	30.84	20.56
675027-32	2"	42.54	28.36



### 29SS Female Reducing Socket

Order Code	BSP x BSP	RRP	List Price
675029-0402	1/4" x 1/8"	6.83	4.55
675029-0602	3/8" x 1/8"	14.21	9.47
675029-0604	3/8" x 1/4"	14.21	9.47
675029-0802	1/2" x 1/8"	10.58	7.05
675029-0804	1/2" x 1/4"	11.07	7.38
675029-0806	1/2" x 3/8"	11.07	7.38
675029-1206	3/4" x 3/8"	14.61	9.74
675029-1208	3/4" x 1/2"	15.56	10.37
675029-1608	1" x 1/2"	23.19	15.46
675029-1612	1" x 3/4"	23.19	15.46



### 33SS Female Cap

Order Code	BSP	RRP	List Price
675033-02	1/8"	4.74	3.16
675033-04	1/4"	4.74	3.16
675033-06	3/8"	6.08	4.05
675033-08	1/2"	6.59	4.39
675033-12	3/4"	9.23	6.15
675033-16	1"	14.21	9.47
675033-32	2"	50.09	33.39



### 34SS Female Elbow

Order Code	BSP	RRP	List Price
675034-02	1/8"	7.13	4.75
675034-04	1/4"	7.13	4.75
675034-06	3/8"	7.64	5.09
675034-08	1/2"	9.23	6.15
675034-12	3/4"	13.04	8.69
675034-16	1"	22.98	15.32
675034-20	1 1/4"	36.68	24.45
675034-24	1 1/2"	43.77	29.18
675034-32	2"	65.64	43.76



### 35SS Female Tee

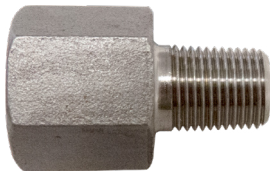
Order Code	BSP	RRP	List Price
675035-02	1/8"	9.23	6.15
675035-04	1/4"	9.48	6.32
675035-06	3/8"	11.60	7.73
675035-08	1/2"	16.05	10.70
675035-12	3/4"	22.16	14.77
675035-16	1"	30.84	20.56
675035-20	1 1/4"	44.18	29.45
675035-24	1 1/2"	56.30	37.53
675035-32	2"	86.97	57.98





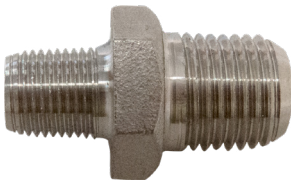
### 64SS Male Taper Plug

Order Code	BSPT	RRP	List Price
675064-02	1/8"	5.00	3.33
675064-04	1/4"	5.00	3.33
675064-06	3/8"	5.52	3.68
675064-08	1/2"	8.99	5.99
675064-12	3/4"	12.41	8.27
675064-16	1"	15.57	10.38
675064-20	1 1/4"	21.63	14.42
675064-24	1 1/2"	32.40	21.60
675064-32	2"	43.52	29.01
675064-40	2 1/2"	66.53	44.35



### 72SS M & F Adaptor

Order Code	BSP Fem x BSPT Male	RRP	List Price
675072-0402	1/4" x 1/8"	20.60	13.73
675072-0404	1/4" x 1/4"	20.60	13.73
675072-0602	3/8" x 1/8"	24.78	16.52
675072-0604	3/8" x 1/4"	24.78	16.52
675072-0804	1/2" x 1/4"	26.34	17.56
675072-0806	1/2" x 3/8"	26.34	17.56
675072-0808	1/2" x 1/2"	26.34	17.56
675072-1206	3/4" x 3/8"	30.59	20.39
675072-1208	3/4" x 1/2"	30.59	20.39
675072-1608	1" x 1/2"	54.06	36.04
675072-1612	1" x 3/4"	58.91	39.27



### 73SS Male Reducing Hex Nipple

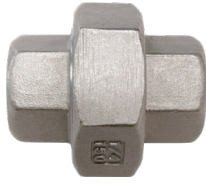
Order Code	BSPT x BSPT	RRP	List Price
675073-0402	1/4" x 1/8"	8.16	5.44
675073-0602	3/8" x 1/8"	10.29	6.86
675073-0604	3/8" x 1/4"	10.29	6.86
675073-0804	1/2" x 1/4"	13.19	8.79
675073-0806	1/2" x 3/8"	19.49	12.99
675073-1204	3/4" x 1/4"	13.19	8.79
675073-1206	3/4" x 3/8"	15.02	10.01
675073-1208	3/4" x 1/2"	15.83	10.55
675073-1608	1" x 1/2"	19.79	13.19
675073-1612	1" x 3/4"	19.79	13.19
675073-2012	1 1/4" x 3/4"	46.47	30.98
675073-2016	1 1/4" x 1"	26.70	17.80
675073-2412	1 1/2" x 3/4"	38.18	25.45
675073-2416	1 1/2" x 1"	39.27	26.18
675073-2420	1 1/2" x 1 1/4"	43.43	28.95



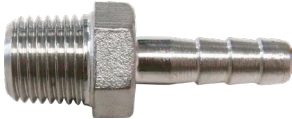
### 74SS Female Lock Nut

Order Code	BSP	RRP	List Price
675074-02	1/8"	7.89	5.26
675074-04	1/4"	5.00	3.33
675074-06	3/8"	6.08	4.05
675074-08	1/2"	9.23	6.15
675074-12	3/4"	10.04	6.69
675074-16	1"	15.29	10.19

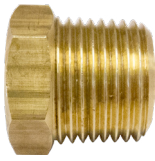



**85SS F & F Union**

Order Code	BSP	RRP	List Price
675085-02	1/8"	15.95	10.63
675085-04	1/4"	15.95	10.63
675085-06	3/8"	24.78	16.52
675085-08	1/2"	26.63	17.75
675085-12	3/4"	41.88	27.92
675085-16	1"	53.25	35.50
675085-24	1 1/2"	74.21	49.47


**P3SS Male Hose Tail**

Order Code	Hose x BSP	RRP	List Price
675603-0402	1/4" x 1/8"	19.34	12.89
675603-0404	1/4" x 1/4"	19.34	12.89
675603-0604	3/8" x 1/4"	18.20	12.13
675603-0606	3/8" x 3/8"	21.12	14.08
675603-0608	3/8" x 1/2"	24.09	16.06
675603-0804	1/2" x 1/4"	23.09	15.39
675603-0806	1/2" x 3/8"	26.88	17.92
675603-0808	1/2" x 1/2"	30.36	20.24
675603-1208	3/4" x 1/2"	38.91	25.94
675603-1212	3/4" x 3/4"	35.13	23.42
675603-1612	1" x 3/4"	41.16	27.44
675603-1616	1" x 1"	42.68	28.45
675603-2020	1 1/4" x 1 1/4"	49.08	32.72
675603-2424	1 1/2" x 1 1/2"	54.77	36.51
675603-3232	2" x 2"	89.00	59.33


**24 Metric x BSP M & F Reducing Bush**

Order Code	Metric Male x BSP	RRP	List Price
01024-M1402	M14 x 1/8"	6.90	4.60
01024-M1602	M16 x 1/8"	8.13	5.42
01024-M1604	M16 x 1/4"	8.37	5.58
01024-M1804	M18 x 1/4"	11.13	7.42
01024-M2004	M20 x 1/4"	12.99	8.66
01024-M2204	M22 x 1/4"	13.79	9.19
01024-M2206	M22 x 3/8"	15.47	10.31
01024-M2406	M24 x 3/8"	19.10	12.73


**24 Metric x NPT M & F Reducing Bush**

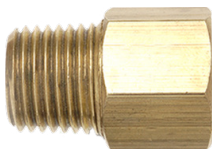
Order Code	Metric Male x NPT	RRP	List Price
02024-M1402	M14 x 1/8"	6.90	4.60
02024-M1602	M16 x 1/8"	8.13	5.42
02024-M1604	M16 x 1/4"	8.37	5.58
02024-M2004	M20 x 1/4"	12.99	8.66
02024-M2204	M22 x 1/4"	13.79	9.19


**26 Metric Female Socket**

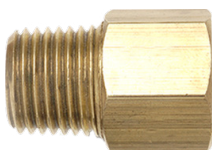
Order Code	Metric	RRP	List Price
01026-M12	M12	6.11	4.07
01026-M14	M14	7.31	4.87
01026-M16	M16	8.13	5.42
01026-M18	M18	9.36	6.24
01026-M20	M20	13.35	8.90
01026-M22	M22	15.47	10.31
01026-M24	M24	20.12	13.41


**64 Metric Male Plug**

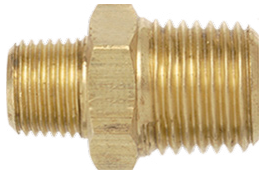
Order Code	Metric	RRP	List Price
01064-M12	M12	6.11	4.07
01064-M14	M14	7.31	4.87
01064-M16	M16	8.13	5.42
01064-M18	M18	9.36	6.24
01064-M20	M20	12.99	8.66
01064-M22	M22	15.47	10.31
01064-M24	M24	19.10	12.73


**72 Metric x BSP M & F Adaptor**

Order Code	Metric Male x BSP	RRP	List Price
01072-M1202	M12 x 1/8"	6.90	4.60
01072-M1404	M14 x 1/4"	10.10	6.73


**72 Metric x NPT M & F Adaptor**

Order Code	Metric Male x NPT	RRP	List Price
02072-M1204	M12 x 1/4"	7.62	5.08
02072-M1604	M16 x 1/4"	12.60	8.40

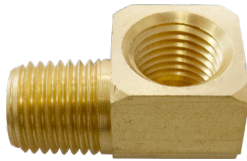

**73 Metric x BSP Male Reducing Hex Nipple**

Order Code	Metric Male x BSPT	RRP	List Price
01073-M1202	M12 x 1/8"	8.13	5.42
01073-M1204	M12 x 1/4"	8.93	5.95
01073-M1404	M14 x 1/4"	10.97	7.31
01073-M1604	M16 x 1/4"	12.99	8.66
01073-M1804	M18 x 1/4"	14.64	9.76
01073-M2004	M20 x 1/4"	21.95	14.63
01073-M2006	M20 x 3/8"	21.95	14.63
01073-M2206	M22 x 3/8"	24.41	16.27
01073-M2406	M24 x 3/8"	30.53	20.35



## 24 NPT M & F Reducing Bush

Order Code	NPT X NPT	RRP	List Price
3220x4x2	1/4" x 1/8"	1.86	1.24
3220x6x2	3/8" x 1/8"	3.60	2.40
3220x6x4	3/8" x 1/4"	3.03	2.02
3220x8x2	1/2" x 1/8"	5.00	3.33
3220x8x4	1/2" x 1/4"	4.56	3.04
3220x8x6	1/2" x 3/8"	3.96	2.64
3220x12x6	3/4" x 3/8"	6.69	4.46
3220x12x8	3/4" x 1/2"	7.56	5.04



## 25E NPT M & F Extruded Elbow

Order Code	NPT x NPT	RRP	List Price
3400x2	1/8" x 1/8"	3.45	2.30
3400x4x2	1/8" x 1/4"	6.36	4.24
3400x4	1/4" x 1/4"	6.75	4.50
3400x6	3/8" x 3/8"	14.66	9.77
3400x8	1/2" x 1/2"	14.66	9.77
3400x12	3/4" x 3/4"	25.47	16.98



## 25E 45° NPT M & F Extruded Elbow

Order Code	NPT x NPT	RRP	List Price
3350x2	1/8" x 1/8"	13.80	9.20
3350x4	1/4" x 1/4"	8.06	5.37
3350x6	3/8" x 3/8"	12.29	8.19
3350x8	1/2" x 1/2"	20.48	13.65
3350x12	3/4" x 3/4"	31.41	20.94



## 26 NPT Female Hex Socket

Order Code	NPT	RRP	List Price
3300x2	1/8"	2.51	1.67
3300x4	1/4"	4.92	3.28
3300x6	3/8"	5.79	3.86
3300x8	1/2"	12.75	8.50



## 27 NPT Male Hex Nipple

Order Code	NPT	RRP	List Price
3325x2	1/8"	2.10	1.40
3325x4	1/4"	3.47	2.31
3325x6	3/8"	5.31	3.54
3325x8	1/2"	9.27	6.18
3325x12	3/4"	10.82	7.21



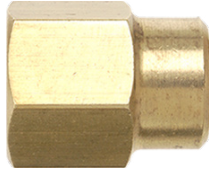
## 27 BSP x NPT Male Hex Nipple

Order Code	BSP x NPT	RRP	List Price
01527-02	1/8" x 1/8"	3.44	2.29
01527-04	1/4" x 1/4"	6.30	4.20
01527-06	3/8" x 3/8"	8.88	5.92


**28 NPT Male Long Hex Nipple**

Order Code	NPT x Length	RRP	List Price
02028-0224	1/8" x 1 1/2"	9.95	6.63
02028-0232	1/8" x 2"	5.94	3.96
02028-0432	1/4" x 2"	11.24	7.49

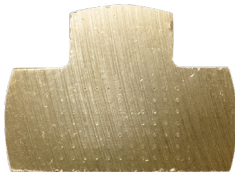
*Other sizes available while stocks last*


**29 NPT Female Reducing Hex Socket**

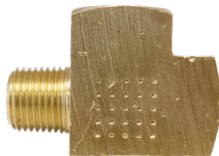
Order Code	NPT x NPT	RRP	List Price
3300x4x2	1/4" x 1/8"	4.31	2.87
3300x6x2	3/8" x 1/8"	5.09	3.39
3300x6x4	3/8" x 1/4"	6.29	4.19
3300x8x6	1/2" x 3/8"	13.79	9.19


**34 NPT Female Elbow**

Order Code	NPT	RRP	List Price
3500x2	1/8"	5.90	3.93
3500x4	1/4"	7.80	5.20
3500x6	3/8"	12.06	8.04
3500x8	1/2"	19.70	13.13


**35 NPT Tee**

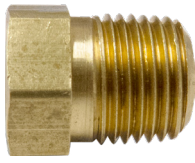
Order Code	NPT	RRP	List Price
3700x2	1/8"	5.09	3.39
3600x2	1/8" x 1/8" Male Branch	6.20	4.13
3700x4	1/4"	7.80	5.20
3600x4	1/4" x 1/4" Male Branch	10.55	7.03
3700x6	3/8"	13.43	8.95
3600x6	3/8" x 3/8" Male Branch	14.27	9.51
3700x8	1/2"	23.78	15.85
3600x8	1/2" x 1/2" Male Branch	21.59	14.39
3700x12	3/4"	52.40	34.93
3600x12	3/4" x 3/4" Male Branch	43.56	29.04


**35 NPT Male Run Tee**

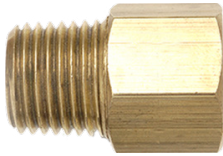
Order Code	NPT	RRP	List Price
3750x2	1/8"	5.79	3.86
3750x4	1/4"	8.13	5.42
3750x6	3/8"	11.24	7.49
3750x8	1/2"	23.43	15.62
3750x12	3/4"	51.00	34.00


**37 NPT Female Cross**

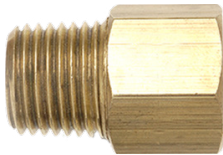
Order Code	NPT	RRP	List Price
3950x2	1/8"	11.19	7.46
3950x4	1/4"	16.71	11.14
3950x6	3/8"	37.37	24.91
3950x8	1/2"	47.87	31.91


**64 NPT Male Taper Plug**

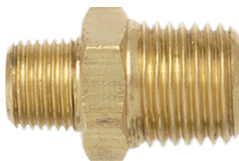
Order Code	NPT	RRP	List Price
3152x2	1/8"	1.65	1.10
3152x4	1/4"	2.33	1.55
3152x6	3/8"	4.34	2.89
3152x8	1/2"	5.58	3.72
3152x12	3/4"	11.96	7.97


**72 NPT M & F Adaptor**

Order Code	NPT Fem x NPT Male	RRP	List Price
3200x2	1/8" x 1/8"	2.46	1.64
3200x4x2	1/4" x 1/8"	5.28	3.52
3200x4	1/4" x 1/4"	5.79	3.86
3200x6x4	3/8" x 1/4"	6.84	4.56
3200x6	3/8" x 3/8"	6.78	4.52
3200x8x6	1/2" x 3/8"	10.41	6.94
3200x12x8	3/4" x 1/2"	16.40	10.93


**72 NPS x BSPT M & F Adaptor**

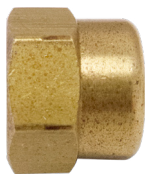
Order Code	NPS Female x BSPT	RRP	List Price
01572-0202	1/8" x 1/8"	9.42	6.28
01572-0404	1/4" x 1/4"	16.88	11.25
01572-0606	3/8" x 3/8"	16.88	11.25
01572-0808	1/2" x 1/2"	18.90	12.60


**73 NPT Male Reducing Nipple**

Order Code	NPT x NPT	RRP	List Price
3325x4x2	1/4" x 1/8"	3.38	2.25
3325x6x2	3/8" x 1/8"	7.98	5.32
3325x6x4	3/8" x 1/4"	5.69	3.79
3324x8x6	1/2" x 3/8"	8.93	5.95


**NPT Close Nipple**

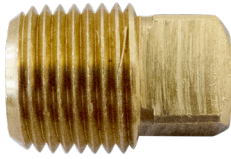
Order Code	NPT	RRP	List Price
3326x4	1/4"	2.15	1.43


**NPT End Cap**

Order Code	Description	RRP	List Price
3129x2	1/8" NPT End Cap	4.11	2.74
3129x4	1/4" NPT End Cap	5.52	3.68
3129x6	3/8" NPT End Cap	4.89	3.26


**NPT Slotted Plug**

Order Code	Description	RRP	List Price
3150x4	1/4" NPT Slotted Plug	1.71	1.14
3150x6	3/8" NPT Slotted Plug	6.48	4.32


**NPT Square Head Plug**

Order Code	Description	RRP	List Price
3151x2	1/8" NPT Square Head Plug	1.40	0.93
3151x4	1/4" NPT Square Head Plug	2.19	1.46
3151x6	3/8" NPT Square Head Plug	3.65	2.43
3151x8	1/2" NPT Square Head Plug	5.31	3.54


**NPT Hex Socket Plug**

Order Code	Description	RRP	List Price
3153x2	1/8" NPT Hex Socket Plug	6.68	4.45


**Bulkhead Couplings**

Order Code	Description	RRP	List Price
1344	1/4" x 1/4" NPT Long	23.27	15.51
1345	1/4" x 1/4" NPT Short	20.51	13.67
1346	3/8" x 3/8" NPT	24.24	16.16

## Style & Description

TubeFit brand Barbed Airline Fittings are designed to fit into the bore of a hose. A clamping device, hose clip, or 'O' clip is then required to clamp the fitting firmly into place to effect a seal. It should be noted that the clamping / sealing effort is enhanced by the end bulb being larger in diameter than the series of barbs.

## Media/Application

- ✓ Air
- ✓ Water

## Maximum Pressure

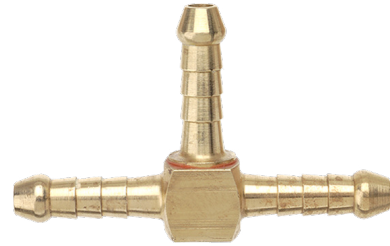
1000kPa (145psi)

## Construction

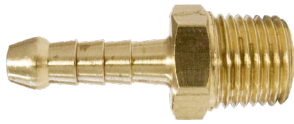
- Material: Brass
- Pipe Thread: BSP
- Pipe Thread: NPT

## Assembly & Installation

1. Tighten fitting to 'spanner firm' position.  
(Caution: do not over-tighten)
2. Ensure Barb is fully inserted into the hose.

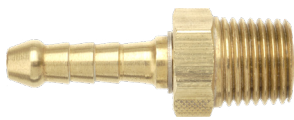






## P3 Male Tailpiece

Order Code	Hose x BSPT	RRP	List Price
06003-0302	3/16" x 1/8"	3.06	2.04
06003-0304	3/16" x 1/4"	3.24	2.16
06003-0402	1/4" x 1/8"	3.06	2.04
06003-0404	1/4" x 1/4"	3.24	2.16
06003-0406	1/4" x 3/8"	5.09	3.39
06003-0408	1/4" x 1/2"	7.35	4.90
06003-0502	5/16" x 1/8"	3.06	2.04
06003-0504	5/16" x 1/4"	3.24	2.16
06003-0506	5/16" x 3/8"	5.09	3.39
06003-0508	5/16" x 1/2"	7.35	4.90
06003-0602	3/8" x 1/8"	3.06	2.04
06003-0604	3/8" x 1/4"	3.11	2.07
06003-0606	3/8" x 3/8"	5.09	3.39
06003-0608	3/8" x 1/2"	7.35	4.90
06003-0612	3/8" x 3/4"	17.39	11.59
06003-0802	1/2" x 1/8"	3.74	2.49
06003-0804	1/2" x 1/4"	3.72	2.48
06003-0806	1/2" x 3/8"	5.09	3.39
06003-0808	1/2" x 1/2"	7.35	4.90
06003-0812	1/2" x 3/4"	16.50	11.00
06003-1004	5/8" x 1/4"	10.91	7.27
06003-1006	5/8" x 3/8"	7.35	4.90
06003-1008	5/8" x 1/2"	9.32	6.21
06003-1012	5/8" x 3/4"	17.40	11.60
06003-1206	3/4" x 3/8"	11.67	7.78
06003-1208	3/4" x 1/2"	11.67	7.78
06003-1212	3/4" x 3/4"	16.50	11.00
06003-1216	3/4" x 1	22.41	14.94
06003-1608	1" x 1/2"	16.50	11.00
06003-1612	1" x 3/4"	16.50	11.00
06003-1616	1" x 1	22.41	14.94
06003-2020	1 1/4" x 1 1/4"	31.58	21.05
06003-2424	1 1/2" x 1 1/2"	34.01	22.67
06003-2432	1 1/2" x 2"	53.30	35.53
06003-3224	2" x 1 1/2"	53.30	35.53
06003-3232	2" x 2"	56.91	37.94
06003-4040	2 1/2" x 2 1/2"	108.38	72.25
06003-4848	3" x 3"	151.35	100.90
06003-6464	4" x 4"	252.68	168.45



## SP3 Male Swivel Tailpiece

Order Code	Hose x BSPT	RRP	List Price
06013-0404	1/4" x 1/4"	18.60	12.40
06013-0606	3/8" x 3/8"	21.71	14.47
06013-0808	1/2" x 1/2"	25.65	17.10
06013-1208	3/4" x 1/2"	31.98	21.32
06013-1212	3/4" x 3/4"	30.84	20.56



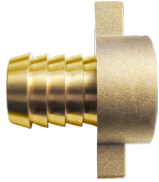
## P7 Hose Joiner

Order Code	Hose	RRP	List Price
06007-03	3/16"	3.14	2.09
06007-04	1/4"	3.14	2.09
06007-05	5/16"	3.14	2.09
06007-06	3/8"	3.44	2.29
06007-08	1/2"	4.49	2.99
06007-10	5/8"	7.88	5.25
06007-12	3/4"	16.50	11.00
06007-16	1"	20.43	13.62



## P5 Nut & Tail

Order Code	Hose x BSP	RRP	List Price
06005-0302	3/16" x 1/8"	18.45	12.30
06005-0304	3/16" x 1/4"	7.02	4.68
06005-0404	1/4" x 1/4"	3.27	2.18
06005-0406	1/4" x 3/8"	7.16	4.77
06005-0408	1/4" x 1/2"	13.52	9.01
06005-0504	5/16" x 1/4"	4.37	2.91
06005-0506	5/16" x 3/8"	7.11	4.74
06005-0508	5/16" x 1/2"	14.48	9.65
06005-0604	3/8" x 1/4"	6.30	4.20
06005-0606	3/8" x 3/8"	5.09	3.39
06005-0608	3/8" x 1/2"	12.69	8.46
06005-0806	1/2" x 3/8"	10.13	6.75
06005-0808	1/2" x 1/2"	7.82	5.21
06005-1212	3/4" x 3/4"	22.49	14.99
06005-1616	1" x 1"	31.19	20.79
06005-2020	1 1/4" x 1 1/4" Lugged	50.39	33.59
06005-2424	1 1/2" x 1 1/2" Lugged	100.20	66.80
06005-3232	2" x 2" Lugged	110.21	73.47



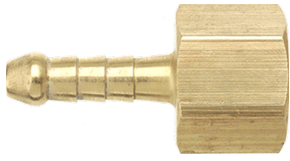
## P6 Male Elbow

Order Code	Hose x BSPT	RRP	List Price
06006-0302	3/16" x 1/8"	6.47	4.31
06006-0304	3/16" x 1/4"	6.47	4.31
06006-0402	1/4" x 1/8"	6.47	4.31
06006-0404	1/4" x 1/4"	7.82	5.21
06006-0406	1/4" x 3/8"	12.30	8.20
06006-0502	5/16" x 1/8"	6.47	4.31
06006-0504	5/16" x 1/4"	7.82	5.21
06006-0506	5/16" x 3/8"	11.67	7.78
06006-0602	3/8" x 1/8"	7.82	5.21
06006-0604	3/8" x 1/4"	7.82	5.21
06006-0606	3/8" x 3/8"	11.67	7.78
06006-0608	3/8" x 1/2"	15.00	10.00
06006-0804	1/2" x 1/4"	12.93	8.62
06006-0806	1/2" x 3/8"	12.00	8.00
06006-0808	1/2" x 1/2"	14.40	9.60
06006-0812	1/2" x 3/4"	27.30	18.20
06006-1004	5/8" x 1/4"	18.56	12.37
06006-1006	5/8" x 3/8"	13.47	8.98
06006-1008	5/8" x 1/2"	17.73	11.82
06006-1208	3/4" x 1/2"	20.09	13.39
06006-1212	3/4" x 3/4"	22.22	14.81
06006-1612	1" x 3/4"	44.52	29.68
06006-1616	1" x 1"	77.33	51.55



## P7R Reducing Hose Joiner

Order Code	Hose x Hose	RRP	List Price
06007-0403	1/4" x 3/16"	4.43	2.95
06007-0504	5/16" x 1/4"	4.43	2.95
06007-0604	3/8" x 1/4"	5.40	3.60
06007-0605	3/8" x 5/16"	5.40	3.60
06007-0805	1/2" x 5/16"	6.05	4.03
06007-0806	1/2" x 3/8"	6.05	4.03
06007-1006	5/8" x 3/8"	8.39	5.59
06007-1008	5/8" x 1/2"	8.39	5.59
06007-1208	3/4" x 1/2"	15.86	10.57
06007-1210	3/4" x 5/8"	15.86	10.57
06007-1612	1" x 3/4"	22.07	14.71



## No P10 Female Tailpiece

Order Code	Hose x BSP	RRP	List Price
06010-0302	3/16" x 1/8"	5.81	3.87
06010-0304	3/16" x 1/4"	8.64	5.76
06010-0402	1/4" x 1/8"	4.07	2.71
06010-0404	1/4" x 1/4"	4.07	2.71
06010-0406	1/4" x 3/8"	6.47	4.31
06010-0408	1/4" x 1/2"	16.52	11.01
06010-0502	5/16" x 1/8"	4.07	2.71
06010-0504	5/16" x 1/4"	4.07	2.71
06010-0506	5/16" x 3/8"	6.47	4.31
06010-0508	5/16" x 1/2"	12.09	8.06
06010-0602	3/8" x 1/8"	4.07	2.71
06010-0604	3/8" x 1/4"	4.07	2.71
06010-0606	3/8" x 3/8"	6.47	4.31
06010-0608	3/8" x 1/2"	10.20	6.80
06010-0804	1/2" x 1/4"	4.07	2.71
06010-0806	1/2" x 3/8"	6.47	4.31
06010-0808	1/2" x 1/2"	10.20	6.80
06010-1208	3/4" x 1/2"	15.60	10.40
06010-1212	3/4" x 3/4"	22.80	15.20



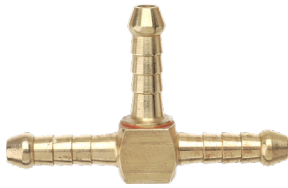
## No P11 Hose Elbow

Order Code	Hose	RRP	List Price
06011-03	3/16"	13.92	9.28
06011-04	1/4"	13.73	9.15
06011-05	5/16"	10.92	7.28
06011-06	3/8"	18.33	12.22
06011-08	1/2"	26.48	17.65
06011-10	5/8"	20.01	13.34
06011-12	3/4"	31.44	20.96



## No P12 Male Branch Tee

Order Code	Hose x BSPT	RRP	List Price
06012-0302	3/16" x 1/8"	13.04	8.69
06012-0402	1/4" x 1/8"	12.78	8.52
06012-0404	1/4" x 1/4"	12.74	8.49
06012-0502	5/16" x 1/8"	12.86	8.57
06012-0504	5/16" x 1/4"	12.78	8.52
06012-0602	3/8" x 1/8"	13.44	8.96
06012-0604	3/8" x 1/4"	9.33	6.22
06012-0606	3/8" x 3/8"	16.83	11.22
06012-0804	1/2" x 1/4"	19.83	13.22
06012-0806	1/2" x 3/8"	16.83	11.22
06012-0808	1/2" x 1/2"	22.50	15.00
06012-1006	5/8" x 3/8"	23.04	15.36
06012-1212	3/4" x 3/4"	32.93	21.95



## P14 Hose Tee

Order Code	Hose x BSP	RRP	List Price
06014-03	3/16"	7.82	5.21
06014-04	1/4"	7.82	5.21
06014-05	5/16"	10.85	7.23
06014-06	3/8"	7.82	5.21
06014-08	1/2"	11.06	7.37
06014-10	5/8"	26.16	17.44
06014-12	3/4"	32.58	21.72
06014-16	1"	63.47	42.31



## P75 Hose Y - Piece

Order Code	Hose	RRP	List Price
06075-03	3/16"	44.61	29.74
06075-04	1/4"	31.44	20.96
06075-05	5/16"	31.44	20.96
06075-06	3/8"	22.89	15.26
06075-08	1/2"	28.62	19.08
06075-10	5/8"	42.89	28.59
06075-12	3/4"	45.74	30.49



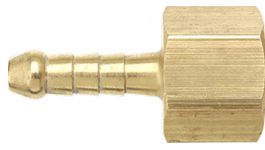
## P3 Male Tailpiece NPT

Order Code	Hose x NPT	RRP	List Price
06103-0302	3/16" x 1/8"	3.20	2.13
06103-0402	1/4" x 1/8"	3.20	2.13
06103-0404	1/4" x 1/4"	3.20	2.13
06103-0502	5/16" x 1/8"	3.20	2.13
06103-0504	5/16" x 1/4"	3.72	2.48
06103-0506	5/16" x 3/8"	5.09	3.39
06103-0602	3/8" x 1/8"	3.62	2.41
06103-0604	3/8" x 1/4"	3.29	2.19
06103-0606	3/8" x 3/8"	5.09	3.39
06103-0608	3/8" x 1/2"	7.35	4.90
06103-0804	1/2" x 1/4"	3.86	2.57
06103-0806	1/2" x 3/8"	5.09	3.39
06103-0808	1/2" x 1/2"	7.35	4.90
06103-1006	5/8" x 3/8"	7.35	4.90



## P6 Male Elbow NPT

Order Code	Hose x NPT	RRP	List Price
06106-0302	3/16" x 1/8"	6.81	4.54
06106-0304	3/16" x 1/4"	6.81	4.54
06106-0402	1/4" x 1/8"	6.81	4.54
06106-0502	5/16" x 1/8"	6.81	4.54
06106-0504	5/16" x 1/4"	8.24	5.49
06106-0506	5/16" x 3/8"	13.04	8.69
06106-0602	3/8" x 1/8"	8.24	5.49
06106-0604	3/8" x 1/4"	10.23	6.82
06106-0606	3/8" x 3/8"	14.69	9.79
06106-0806	1/2" x 3/8"	12.00	8.00
06106-0808	1/2" x 1/2"	14.40	9.60
06106-1006	5/8" x 3/8"	14.79	9.86



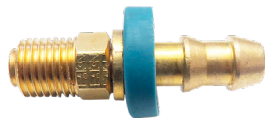
## P10 Female Tailpiece

Order Code	Hose x NPS	RRP	List Price
06110-0302	3/16" x 1/8"	7.11	4.74
06110-0404	1/4" x 1/4"	4.11	2.74
06110-0604	3/8" x 1/4"	4.11	2.74
06110-0808	1/2" x 1/2"	10.20	6.80



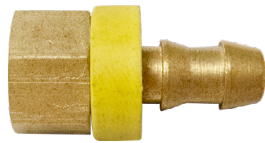
## Barb-Tite Male Tail Piece

Order Code	Description	RRP	List Price
10004B-102	1/4" x 1/8" NPT Male Barb – Tite Tailpiece	4.26	2.84
10004B-104	1/4" x 1/4" NPT Male Barb – Tite Tailpiece	6.30	4.20
10006B-104	3/8" x 1/4" NPT Male Barb – Tite Tailpiece	5.79	3.86
10006B-106	3/8" x 3/8" NPT Male Barb – Tite Tailpiece	12.44	8.29
10012B-112	3/4" x 3/4" NPT Male Barb – Tite Tailpiece	27.45	18.30



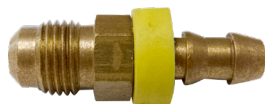
## Barb-Tite Inverted Flare Swivel

Order Code	Description	RRP	List Price
10004B-B03	1/4" x 3/16" Inverted Flare Barb – Tite Swivel Tailpiece	12.39	8.26
10004B-B04	1/4" x 1/4" Inverted Flare Barb – Tite Swivel Tailpiece	10.23	6.82
10005B-B05	5/16" x 5/16" Inverted Flare Barb – Tite Swivel Tailpiece	18.75	12.50
10006B-B06	3/8" x 3/8" Inverted Flare Barb – Tite Swivel Tailpiece	14.52	9.68
10008B-B08	1/2" x 1/2" Inverted Flare Barb – Tite Swivel Tailpiece	21.02	14.01



## Barb-Tite Inverted Flare Female

Order Code	Description	RRP	List Price
10004B-A04	1/4" x 1/4" Inverted Flare Barb – Tite Female Tailpiece	11.19	7.46
10004B-A05	1/4" x 5/16" Inverted Flare Barb – Tite Female Tailpiece	9.90	6.60
10005B-A05	5/16" x 5/16" Inverted Flare Barb – Tite Female Tailpiece	14.21	9.47
10006B-A05	3/8" x 5/16" Inverted Flare Barb – Tite Female Tailpiece	12.06	8.04
10008B-A08	1/2" x 1/2" Inverted Flare Barb – Tite Female Tailpiece	19.82	13.21



## Barb-Tite SAE Male Tail Piece

Order Code	Description	RRP	List Price
10004B-305	1/4" x 1/4" SAE Barb – Tite Male Tailpiece	13.26	8.84
10005B-305	5/16" x 5/16" SAE Barb – Tite Male Tailpiece	11.67	7.78



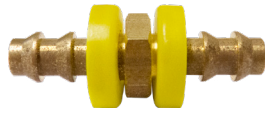
## Barb-Tite SAE Female Swivel

Order Code	Description	RRP	List Price
10006B-406	3/8" x 3/8" SAE Barb – Tite Female Swivel Tailpiece	10.14	6.76



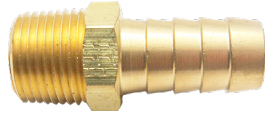
## Barb-Tite Female Swivel

Order Code	Description	RRP	List Price
10004B-604	1/4" x 1/4" JIC 37° Barb – Tite Female Swivel Tailpiece	7.74	5.16
10005B-605	5/16" x 5/16" JIC 37° Barb – Tite Female Swivel Tailpiece	18.65	12.43
10006B-606	3/8" x 3/8" JIC 37° Barb – Tite Female Swivel Tailpiece	10.14	6.76
10008B-608	1/2" x 1/2" JIC 37° Barb – Tite Female Swivel Tailpiece	7.38	4.92
10012B-612	3/4" x 3/4" JIC 37° Barb – Tite Female Swivel Tailpiece	32.49	21.66



### Barb-Tite Hose Joiner

Order Code	Description	RRP	List Price
10004B-Y04	1/4" Barb – Tite Hose Joiner	11.04	7.36
10006B-Y06	3/8" Barb – Tite Hose Joiner	10.47	6.98
10008B-Y08	1/2" Barb – Tite Hose Joiner	14.54	9.69



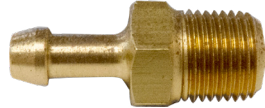
### NPT Male Tail Piece

Order Code	Description	RRP	List Price
10503B-102	3/16" x 1/8" NPT Barbed Male Tailpiece	6.78	4.52
10504B-102	1/4" x 1/8" NPT Barbed Male Tailpiece	2.03	1.35
10504B-104	1/4" x 1/4" NPT Barbed Male Tailpiece	7.17	4.78
10505B-102	5/16" x 1/8" NPT Barbed Male Tailpiece	6.77	4.51
10505B-104	5/16" x 1/4" NPT Barbed Male Tailpiece	8.58	5.72
10506B-104	3/8" x 1/4" NPT Barbed Male Tailpiece	4.83	3.22
10506B-108	3/8" x 1/2" NPT Barbed Male Tailpiece	6.96	4.64
10508B-104	1/2" x 1/4" NPT Barbed Male Tailpiece	5.48	3.65
10508B-106	1/2" x 3/8" NPT Barbed Male Tailpiece	4.76	3.17
10508B-108	1/2" x 1/2" NPT Barbed Male Tailpiece	6.02	4.01



### NPT Female Tail Piece

Order Code	Description	RRP	List Price
10506B-206	3/8" x 3/8" NPT Barbed Female Tailpiece	4.73	3.15
10508B-208	1/2" x 1/2" NPT Barbed Female Tailpiece	9.72	6.48



### 057 Series Male Tail Piece

Order Code	Description	RRP	List Price
05712B-108	3/4" x 1/2" NPT Male Tailpiece	8.87	5.91



### 057 Series Male Elbow

Order Code	Description	RRP	List Price
05704B-C02	1/4" x 1/8" NPT Male Elbow	7.52	5.01
05705B-C04	5/16" x 1/4" NPT Male Elbow	9.03	6.02
05706B-C04	3/8" x 1/4" NPT Male Elbow	7.29	4.86



### 057 Series Inverted Flare Male Swivel Elbow

Order Code	Description	RRP	List Price
05706B-B65	3/8" x 5/16" Inverted Flare Male Swivel Elbow	23.85	15.90
05706B-B66	3/8" x 3/8" Inverted Flare Male Swivel Elbow	18.12	12.08

## Hi Coupler Series

### One Way Automatic Sealing in the Coupling

#### Maximum Working Pressure

- 1960kPa

#### Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

#### Operating Temperature

- -20°C to +80°C

#### Material

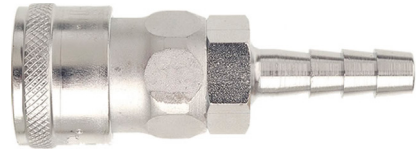
- Steel (chrome plated)
- Stainless Steel

#### Standard Packing Material

- Nitrile butadiene rubber

#### Note

00 Series does not interchange with 0 series.



## TSP Coupler Series – Non-Sealing Coupling and Adaptor

### Maximum Working Pressure

- 1960kPa

### Media/Application

- ✓ Water piping, (including sea water), hydraulic equipment
- ✓ Petrol
- ✓ Fuel Oil
- ✓ Kerosene
- ✓ Water

### Operating Temperature

- -20°C to +80°C (FKM -20°C to +180°C)

### Material

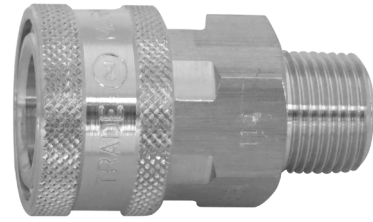
- Brass

### Standard Packing Material

- Nitrile butadiene rubber – NBR
- Fluoro Rubber – FKM (x-1000)

### Note

Different sized couplings and adaptors are NOT interchangeable.





## SP Coupler Series – Type A

Two-Way Automatic Sealing in the Coupling and Adaptor

### Maximum Working Pressure

- 7350kPa

### Media/Application – Brass

- ✓ Water transfer, oxygen/acetylene pipelines
- ✓ Air
- ✓ Water
- ✓ Oxygen
- ✓ Acetylene

### Media/Application – Stainless Steel

- ✓ Salty water transfer, steam, chemicals
- ✓ Steam Piping
- ✓ Chemicals

### Operating Temperature

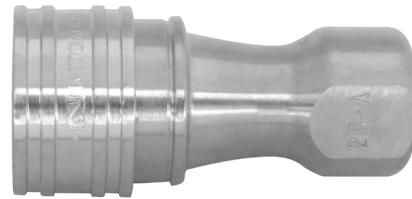
-20°C to +80°C (Viton -20°C to +180°C)

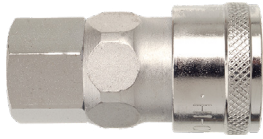
### Standard Packing Material

- Nitrile butadiene rubber
- Fluoro Rubber – FKM (x-100)

### Note

Different sized couplings and adaptors are NOT interchangeable.





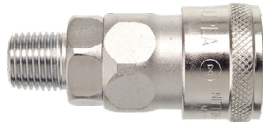
## Hi-Coupler Female Coupling – Sealing

Order Code	Part No	BSP	RRP	List Price
06N20SF	20SF	1/4"	20.07	13.38
06N30SF	30SF	3/8"	22.20	14.80
06N40SF	40SF	1/2"	27.48	18.32
06N400SF	400SF	1/2"	79.88	53.25
06N600SF	600SF	3/4"	83.46	55.64
06N800SF	800SF	1"	104.81	69.87



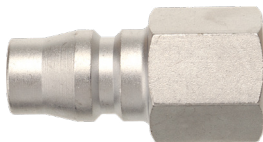
## Hi-Coupler Hose Coupling – Sealing

Order Code	Part No	Hose	RRP	List Price
06N20SH	20SH	1/4"	20.07	13.38
06N30SH	30SH	3/8"	22.20	14.80
06N40SH	40SH	1/2"	24.09	16.06
06N400SH	400SH	1/2"	79.88	53.25
06N600SH	600SH	3/4"	83.46	55.64
06N800SH	800SH	1"	104.81	69.87



## Hi-Coupler Male Coupling – Sealing

Order Code	Part No	BSP	RRP	List Price
06N20SM	20SM	1/4"	20.07	13.38
06N30SM	30SM	3/8"	22.20	14.80
06N40SM	40SM	1/2"	24.09	16.06
06N400SM	400SM	1/2"	79.88	53.25
06N600SM	600SM	3/4"	83.46	55.64
06N800SM	800SM	1"	104.81	69.87



## Hi-Coupler Female Adaptor – Non Sealing

Order Code	Part No	BSP	RRP	List Price
06N20PF	20PF	1/4"	6.99	4.66
06N30PF	30PF	3/8"	8.69	5.79
06N40PF	40PF	1/2"	15.21	10.14
06N400PF	400PF	1/2"	30.63	20.42
06N600PF	600PF	3/4"	39.93	26.62



## Hi-Coupler Hose Adaptor – Non Sealing

Order Code	Part No	Hose	RRP	List Price
06N20PH	20PH	1/4"	6.99	4.66
06N30PH	30PH	3/8"	8.69	5.79
06N40PH	40PH	1/2"	11.43	7.62
06N400PH	400PH	1/2"	30.63	20.42
06N600PH	600PH	3/4"	39.93	26.62

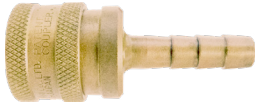


## Hi-Coupler Male Adaptor – Non Sealing

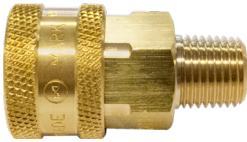
Order Code	Part No	BSP	RRP	List Price
06N20PM	20PM	1/4"	6.99	4.66
06N30PM	30PM	3/8"	8.69	5.79
06N40PM	40PM	1/2"	11.43	7.62
06N400PM	400PM	1/2"	30.63	20.42
06N600PM	600PM	3/4"	39.93	26.62
06N800PM	800PM	1"	62.73	41.82


**TSP Female Coupling – Non Sealing**

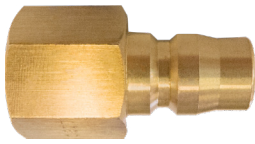
Order Code	Part No	BSP	RRP	List Price
06N2TSF	2TSF	1/4"	55.70	37.13
06N3TSF	3TSF	3/8"	65.03	43.35
06N4TSF	4TSF	1/2"	88.07	58.71
06N8TSF	8TSF	1"	316.16	210.77


**TSP Hose Coupling – Non Sealing**

Order Code	Part No	Hose	RRP	List Price
06N2TSH	2TSH	1/4"	55.70	37.13
06N3TSH	3TSH	3/8"	65.03	43.35
06N4TSH	4TSH	1/2"	103.94	69.29
06N6TSH	6TSH	3/4"	198.21	132.14
06N8TSH	8TSH	1"	316.16	210.77


**TSP Male Coupling – Non Sealing**

Order Code	Part No	BSP	RRP	List Price
06N2TSM	2TSM	1/4"	55.70	37.13
06N3TSM	3TSM	3/8"	65.03	43.35
06N4TSM	4TSM	1/2"	103.94	69.29
06N6TSM	6TSM	3/4"	198.21	132.14


**TSP Female Adaptor – Non Sealing**

Order Code	Part No	BSP	RRP	List Price
06N2TPF	2TPF	1/4"	16.49	10.99
06N3TPF	3TPF	3/8"	22.38	14.92
06N6TPF	6TPF	3/4"	63.48	42.32
06N8TPF	8TPF	1"	108.29	72.19


**TSP Hose Adaptor – Non Sealing**

Order Code	Part No	Hose	RRP	List Price
06N2TPH	2TPH	1/4"	16.49	10.99
06N3TPH	3TPH	3/8"	23.04	15.36
06N4TPH	4TPH	1/2"	40.44	26.96
06N8TPH	8TPH	1"	138.15	92.10

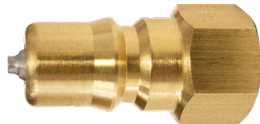

**TSP Male Adaptor – Non Sealing**

Order Code	Part No	BSP	RRP	List Price
06N2TPM	2TPM	1/4"	16.49	10.99
06N3TPM	3TPM	3/8"	22.38	14.92
06N4TPM	4TPM	1/2"	40.44	26.96
06N6TPM	6TPM	3/4"	63.48	42.32
06N8TPM	8TPM	1"	108.29	72.19



### SP Female Coupler BSP – Sealing

Order Code	Part No	BSP	RRP	List Price
06N1SB	1S	1/8"	73.44	48.96
06N2SB	2S	1/4"	82.14	54.76
06N3SB	3S	3/8"	141.26	94.17
06N4SB	4S	1/2"	228.11	152.07
06N1S-SS	1S-SS	1/8"	229.44	152.96
06N2S-SS	2S-SS	1/4"	254.42	169.61
06N3S-SS	3S-SS	3/8"	326.82	217.88



### SP Female Adaptor BSP – Sealing

Order Code	Part No	BSP	RRP	List Price
06N1PB	1P	1/8"	32.06	21.37
06N2PB	2P	1/4"	37.02	24.68
06N3PB	3P	3/8"	55.70	37.13
06N1P-SS	1P-SS	1/8"	71.16	47.44
06N2P-SS	2P-SS	1/4"	84.90	56.60



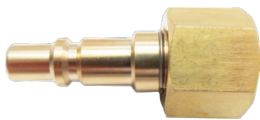
### Oxy Acetylene Female Coupling – Sealing

Order Code	Part No	UNF	RRP	List Price
06N22SF	22SF OXY	5/8" UNF	100.53	67.02



### Oxy Acetylene Hose Coupling – Sealing

Order Code	Part No	Hose	RRP	List Price
06N22SH	22SH OXY	6mm	75.98	50.65
06N32SH	32SH ACET	6mm	81.33	54.22



### Oxy Acetylene Female Adaptor – Non Sealing

Order Code	Part No	UNF	RRP	List Price
06N22PF	22PF OXY	5/8" UNF	36.32	24.21
06N33PF	33PF ACET	5/8" UNFLH	36.32	24.21



### Oxy Acetylene Hose Adaptor – Non Sealing

Order Code	Part No	Hose	RRP	List Price
06N22PH	22PH OXY	6mm	21.53	14.35



### 200 Series Hi-Cupla One Touch – Sealing – Female Cupla

Order Code	Part No	BSP	RRP	List Price
06N200-20SF	200-20SF	1/4"	29.90	19.93
06N200-30SF	200-30SF	3/8"	32.48	21.65
06N200-40SF	200-40SF	1/2"	46.92	31.28



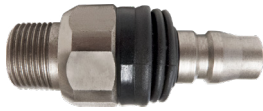
### 200 Series Hi-Cupla One Touch – Sealing – Male Cupla

Order Code	Part No	BSP	RRP	List Price
06N200-20SM	200-20SM	1/4"	29.90	19.93
06N200-30SM	200-30SM	3/8"	32.48	21.65
06N200-40SM	200-40SM	1/2"	35.28	23.52



### 200 Series Hi-Cupla One Touch – Sealing – Hose Cupla

Order Code	Part No	Hose	RRP	List Price
06N200-20SH	200-20SH	1/4"	29.90	19.93
06N200-30SH	200-30SH	3/8"	32.48	21.65
06N200-40SH	200-40SH	1/2"	35.28	23.52



### Twist Plug – Non Sealing – Male Adaptor

Order Code	Part No	BSP	RRP	List Price
06NTS-10PM	TS-10PM	1/8"	140.81	93.87
06NTS-30PM	TS-30PM	3/8"	140.81	93.87



### Twist Plug – Non Sealing – Female Adaptor

Order Code	Part No	BSP	RRP	List Price
06NTS-20PFF	TS-20PFF	1/4"	140.81	93.87



### 250 Series Hose Hi Cupla – Sealing

Order Code	Part No	Hose	RRP	List Price
06N250-50SNG	HA-50SNG	5mm x 8mm	46.68	31.12
06N250-85SNG	HA-85SNG	8.5mm x 12.5mm	46.68	31.12



### 250 Series Male Hi Cupla – Sealing

Order Code	Part No	BSP	RRP	List Price
06N250-20SM	HA-20SM	1/4"	46.68	31.12



### 250 Series Hi-Cupla Adaptor – Non Sealing

Order Code	Part No	Hose	RRP	List Price
06N250-65PNG	HA-65PNG	6.5mm x 10mm	19.98	13.32



### 250 Series Adaptors – Non Sealing

Order Code	Part No	BSP	RRP	List Price
06N250-20PM	HA-20PM	1/4" M	20.58	13.72



### Hi-Cupla Safety Lock – Sealing – Male Cupla

Order Code	Part No	BSP	RRP	List Price
06NL20SM	L-20SM	1/4"	61.59	41.06
06NL40SM	L-40SM	1/2"	64.37	42.91



### Hi-Cupla Safety Lock – Sealing – Hose Cupla

Order Code	Part No	Hose	RRP	List Price
06NL30SH	L-30SH	3/8"	61.59	41.06
06NL40SH	L-40SH	1/2"	64.37	42.91



### Hi-Cupla Safety Lock – Sealing – Female Cupla

Order Code	Part No	BSP	RRP	List Price
06NL20SF	L-20SF	1/4"	61.59	41.06
06NL40SF	L-40SF	1/2"	68.06	45.37



### Hi-Cupla Safety Lock – Ball Lock Type – Hose Cupla

Order Code	Part No	Hose	RRP	List Price
06NL400SH	400SH Lock	1/2"	87.78	58.52



### Hi-Cupla Safety Lock – Ball Lock Type – Female Cupla

Order Code	Part No	Hose	RRP	List Price
06NL400SF	400SF Lock	1/2"	85.22	56.81



### Manifolds "One Touch Cuplas"

Order Code	Part No	RRP	List Price
06NMAN2WAY	2 Way Manifold	76.67	51.11
06NMAN3WAY	3 Way Manifold	98.73	65.82



### Dusta Hi-Cupla – Sealing

Order Code	Part No	BSP	RRP	List Price
06NDCS-20PH	DCS-20PH	1/4"	157.29	104.86
06NDCS-30PH	DCS-30PH	3/8"	157.29	104.86
06NDCS-40PH	DCS-40PH	1/2"	157.29	104.86



### Purge Plug – Non Sealing – Hose Adaptor

Order Code	Part No	Hose	RRP	List Price
06NPV-20PH	PV-20PH	1/4"	57.17	38.11
06NPV-40PH	PV-40PH	1/2"	57.17	38.11



### Rotary Plug – Non Sealing – Male

Order Code	Part No	BSP	RRP	List Price
06NRL20PM	RL-20PM	1/4"	47.87	31.91
06NRL30PM	RL-30PM	3/8"	47.87	31.91



### Rotary Plug – Non Sealing – Female

Order Code	Part No	BSP	RRP	List Price
06NRL20PFF	RL-20PFF	1/4"	47.87	31.91



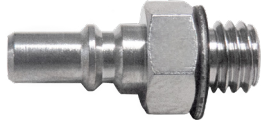
### Micro Cupla – Sealing

Order Code	Connection	RRP	List Price
06NMC04SH	4mm Hose	47.22	31.48



### Micro Plug Hose – Non Sealing

Order Code	Hose	RRP	List Price
06NMC04PH	4mm Hose	10.22	6.81



### Micro Plug Male – Non Sealing

Order Code	Connection	RRP	List Price
06NMC05PM	M5 x 0.8 Male	11.61	7.74



### Small Cupla Hose – Sealing

Order Code	Connection	RRP	List Price
06NMS40SN	4.0 x 6.0 Nylon	74.66	49.77



### Small Cupla Male – Sealing

Order Code	NPT	RRP	List Price
06NMS10SM	1/8" NPT Male	63.17	42.11



### Small Plug Female – Non Sealing

Order Code	NPT	RRP	List Price
06NMS10PF	1/8" NPT Fem	15.09	10.06



### Small Plug Male – Non Sealing

Order Code	NPT	RRP	List Price
06NMS10PM	1/8" NPT Male	14.10	9.40



### Small Plug Hose – Non Sealing

Order Code	Connection	RRP	List Price
06NMS45PN	4.5 x 6.0 Hose	26.25	17.50

## 200 & 200S Series

### One-Way Automatic Sealing in the Coupling

#### Maximum Working Pressure

- 200 Series – 1500kPa
- 200S Series – 2000kPa

#### Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

#### Operating Temperature

- -20°C to +80°C

#### Material

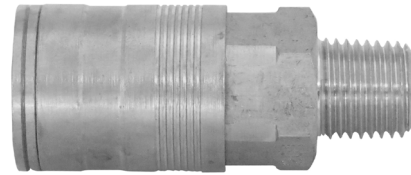
- 200 Series – Brass
- 200S Series – Steel (Zinc plated)

#### Standard Packing Material

- Nitrile rubber

#### Note

1. 200 Series adaptors fit 200 & 290 series couplings.
2. Different sized couplings and adaptors are interchangeable.





## Super-Hi-Flow 290 Series

### One-Way Automatic Sealing in the Coupling

#### Maximum Working Pressure

- 3500kPa

#### Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

#### Operating Temperature

- -20°C to +80°C

#### Material

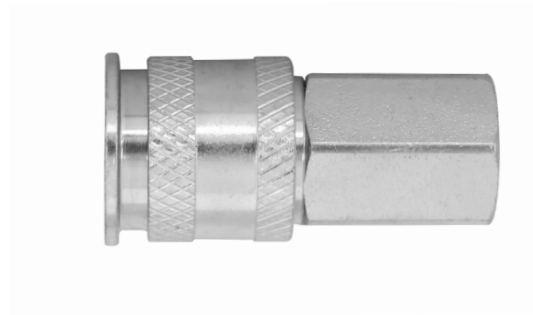
- Steel (zinc plated)

#### Standard Packing Material

- Nitrile rubber

#### Note

1. 200 Series adaptors fit 200 & 290 series couplings.
2. Different sized couplings and adaptors are interchangeable.



## Industrial 300 Series

### One-Way Automatic Sealing in the Coupling

#### Maximum Working Pressure

- 3500kPa

#### Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

#### Operating Temperature

- -20°C to +80°C

#### Material

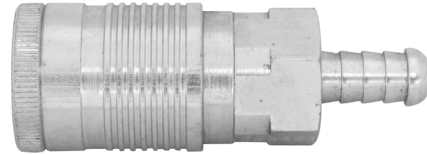
- Steel (Zinc plated)

#### Standard Packing Material

- Nitrile rubber

#### Note

Different sized couplings and adaptors are interchangeable.



## Super-Hi-Flow 400 Series

### One-Way Automatic Sealing in the Coupling

#### Maximum Working Pressure

- 1500kPa

#### Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

#### Operating Temperature

- -20°C to +80°C

#### Material

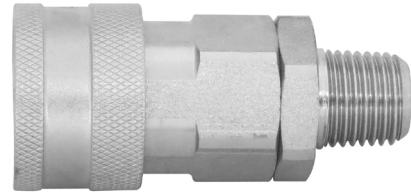
- Steel (Zinc plated)

#### Standard Packing Material

- Nitrile rubber

#### Note

1. The manufacturer claims, Ryco 400 Series product, interchanges with Nitto Hi-Coupler Series product.
2. Different sized couplings and adaptors are interchangeable.



## Super-Hi-Flow 500 Series

### One-Way Automatic Sealing in the Coupling

#### Media/Application

- ✓ Pneumatic tools, air piping and air pressure equipment
- ✓ Air

#### Material

- Steel (Zinc plated)

#### Standard Packing Material

- Nitrile rubber

#### Operating Temperature

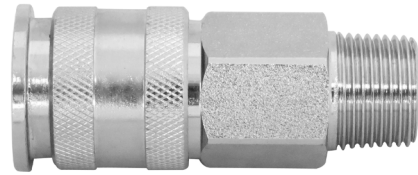
- -20°C to +80°C

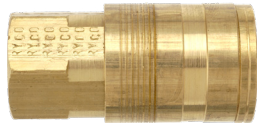
#### Maximum Working Pressure

- 3500kPa

#### Note

1. The manufacturer claims, Ryco 500 Series product interchanges with equivalent Cejn product.
2. Different sized couplings and adaptors are interchangeable.





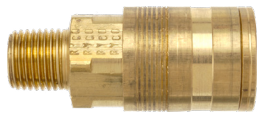
## 200 Series Female Coupling – Sealing

Order Code	Part No	BSP	RRP	List Price
068-200	200	1/4" Brass	28.56	19.04
068-200S	200S	1/4" Steel	26.19	17.46
068-243	243	3/8" Brass	33.38	22.25



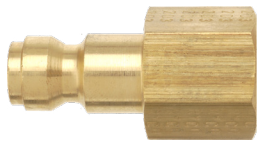
## 200 Series Hose Coupling – Sealing

Order Code	Part No	Hose	RRP	List Price
068-245	245	1/4" Brass	33.38	22.25
068-240	240	5/16" Brass	33.38	22.25
068-241	241	3/8" Brass	33.38	22.25
068-241S	241S	3/8" Steel	30.26	20.17



## 200 Series Male Coupling – Sealing

Order Code	Part No	BSP	RRP	List Price
068-201	201	1/4" Brass	30.92	20.61
068-201S	201S	1/4" Steel	28.16	18.77
068-244	244	3/8" Brass	33.38	22.25



## 200 Series Female Adaptor – Non Sealing

Order Code	Part No	BSP	RRP	List Price
068-203	203	1/4" BSP Brass	6.60	4.40
068-203S	203S	1/4" BSP Steel	4.97	3.31
068-266S	266S	3/8" BSP Steel	9.42	6.28



## 200 Series Hose Adaptor – Non Sealing

Order Code	Part No	Hose	RRP	List Price
068-205	205	1/4" Brass	6.05	4.03
068-205S	205S	1/4" Steel	5.06	3.37
068-206	206	5/16" Brass	6.05	4.03
068-206S	206S	5/16" Steel	5.06	3.37
068-206A	206A	3/8" Brass	6.05	4.03
068-206AS	206AS	3/8" Steel	5.06	3.37
068-254S	254S	1/2" Steel	7.19	4.79



## 200 Series Male Adaptor – Non Sealing

Order Code	Part No	BSP	RRP	List Price
068-204	204	1/8" Brass	6.05	4.03
068-202	202	1/4" Brass	6.05	4.03
068-202S	202S	1/4" Steel	4.62	3.08
068-251S	251S	3/8" Steel	6.98	4.65
068-252S	252S	1/2" Steel	9.42	6.28



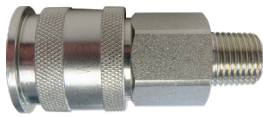
## 290 Series Female Coupling – Sealing

Order Code	Part No	BSP	RRP	List Price
068-290	290	1/4"	38.94	25.96

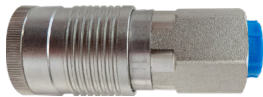


## 290 Series Hose Coupling – Sealing

Order Code	Part No	Hose	RRP	List Price
068-298	298	3/8"	41.99	27.99
068-299	299	1/2"	41.99	27.99


**290 Series Male Coupling – Sealing**

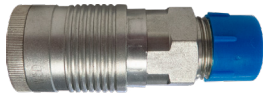
Order Code	Part No	BSP	RRP	List Price
068-291	291	1/4"	38.94	25.96
068-295	295	1/2"	44.90	29.93


**300 Series Female Coupling – Sealing**

Order Code	Part No	BSP	RRP	List Price
068-322	322	3/8"	67.23	44.82
068-320	320	1/2"	67.23	44.82


**300 Series Hose Coupling – Sealing**

Order Code	Part No	Hose	RRP	List Price
068-341	341	1/2"	67.23	44.82


**300 Series Male Coupling – Sealing**

Order Code	Part No	BSP	RRP	List Price
068-321	321	1/2"	67.23	44.82


**300 Series Female Adaptor – Non Sealing**

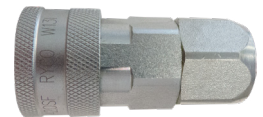
Order Code	Part No	BSP	RRP	List Price
068-330	330	3/8"	17.06	11.37
068-303	303	1/2"	19.58	13.05


**300 Series Hose Adaptor – Non Sealing**

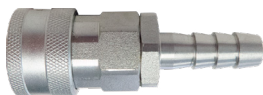
Order Code	Part No	Hose	RRP	List Price
068-306	306	1/2" Hose	15.09	10.06


**300 Series Male Adaptor – Non Sealing**

Order Code	Part No	BSP	RRP	List Price
068-332	332	1/4"	17.06	11.37
068-304	304	3/8"	17.06	11.37
068-302	302	1/2"	17.06	11.37


**400 Series Female Coupling – Sealing**

Order Code	Part No	BSP	RRP	List Price
068-420SF	420SF	1/4"	30.92	20.61


**400 Series Hose Coupling – Sealing**

Order Code	Part No	Hose	RRP	List Price
068-430SH	430SH	3/8"	32.43	21.62
068-440SH	440SH	1/2"	36.12	24.08


**400 Series Male Coupling – Sealing**

Order Code	Part No	BSP	RRP	List Price
068-420SM	420SM	1/4"	30.08	20.05
068-430SM	430SM	3/8"	32.43	21.62
068-440SM	440SM	1/2"	36.12	24.08



### 400 Series Female Adaptor – Non Sealing

Order Code	Part No	BSP	RRP	List Price
068-420PF	420PF	1/4"	9.06	6.04



### 400 Series Hose Adaptor – Non Sealing

Order Code	Part No	Hose	RRP	List Price
068-430PH	430PH	3/8"	10.98	7.32
068-440PH	440PH	1/2"	13.11	8.74



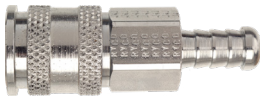
### 400 Series Male Adaptor – Non Sealing

Order Code	Part No	BSP	RRP	List Price
068-420PM	420PM	1/4"	9.06	6.04
068-430PM	430PM	3/8"	10.64	7.09
068-440PM	440PM	1/2"	13.11	8.74



### 500 Series Female Coupling – Sealing

Order Code	Part No	BSP	RRP	List Price
068-500	500	1/4"	46.49	30.99
068-543	543	3/8"	46.49	30.99
068-546	546	1/2"	50.37	33.58



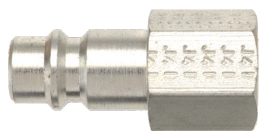
### 500 Series Hose Coupling – Sealing

Order Code	Part No	Hose	RRP	List Price
068-541	541	3/8"	46.49	30.99
068-542	542	1/2"	50.37	33.58



### 500 Series Male Coupling – Sealing

Order Code	Part No	BSP	RRP	List Price
068-501	501	1/4"	46.49	30.99
068-544	544	3/8"	46.49	30.99
068-547	547	1/2"	50.37	33.58



### 500 Series Female Adaptor – Non Sealing

Order Code	Part No	BSP	RRP	List Price
068-503	503	1/4"	9.89	6.59



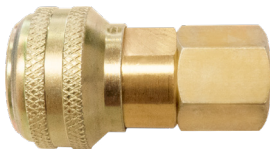
### 500 Series Hose Adaptor – Non Sealing

Order Code	Part No	Hose	RRP	List Price
068-506A	506A	3/8"	13.11	8.74
068-554	554	1/2"	14.72	9.81



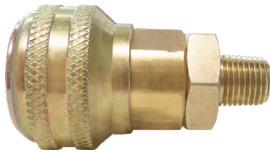
### 500 Series Male Adaptor – Non Sealing

Order Code	Part No	BSP	RRP	List Price
068-502	502	1/4"	9.89	6.59
068-551	551	3/8"	10.64	7.09
068-552	552	1/2"	10.64	7.09



## CA93 Series Female Coupling – Sealing

Order Code	Part No	NPS	RRP	List Price
34CA93-33	CA93-33	1/4" NPS	33.53	22.35
34CA93-34	CA93-34	3/8" NPS	33.53	22.35
34CA93-35	CA93-35	1/2" NPS	33.53	22.35



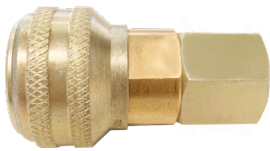
## CA93 Series Male Coupling – Sealing

Order Code	Part No	NPT	RRP	List Price
34CA93-30	CA93-30	1/4" NPT	33.53	22.35
34CA93-31	CA93-31	3/8" NPT	33.53	22.35
34CA93-32	CA93-32	1/2" NPT	33.53	22.35



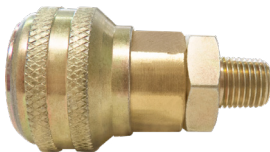
## CA93 Series Bulkhead Coupling – Sealing

Order Code	Tube x BSP	RRP	List Price
34CA93-001-6	3/8" Tube x 1/2" BSP	55.97	37.31



## CA93 Series Female Coupling – Non Sealing

Order Code	Part No	NPS	RRP	List Price
34CA93-86	CA93-86	1/4" NPS	33.53	22.35
34CA93-82	CA93-82	3/8" NPS	33.53	22.35
34CA93-87	CA93-87	1/2" NPS	33.53	22.35



## CA93 Series Male Coupling – Non Sealing

Order Code	Part No	NPT	RRP	List Price
34CA93-83	CA93-83	1/4" NPT	33.53	22.35
34CA93-84	CA93-84	3/8" NPT	33.53	22.35
34CA93-85	CA93-85	1/2" NPT	33.53	22.35



## CA93 Series Bulkhead Coupling – Non Sealing

Order Code	Tube x BSP	RRP	List Price
34CA93-006-6	3/8" Tube x 1/2" BSP	55.97	37.31



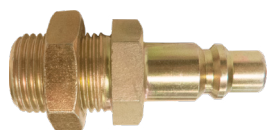
## CA93 Series Female Adaptor – Non Sealing

Order Code	Part No	NPS	RRP	List Price
34CA93-21	CA93-21	1/4" NPS	7.95	5.30
34CA93-22	CA93-22	3/8" NPS	7.95	5.30
34CA93-23	CA93-23	1/2" NPS	8.39	5.59



## CA93 Series Male Adaptor – Non Sealing

Order Code	Part No	NPT	RRP	List Price
34CA93-18	CA93-18	1/4" NPT	5.67	3.78
34CA93-19	CA93-19	3/8" NPT	5.67	3.78
34CA93-20	CA93-20	1/2" NPT	5.67	3.78



## CA93 Series Bulkhead Adaptor – Non Sealing

Order Code	Tube x BSP	RRP	List Price
34CA93-005-6	3/8" Tube x 1/2" BSP	23.10	15.40





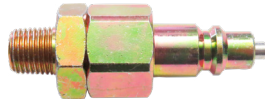
### CA93 Series Hose Adaptor – Non Sealing

Order Code	Hose	RRP	List Price
34CA93-8	3/8" ID Hose	8.18	5.45
34CA93-14	1/2" ID Hose	5.67	3.78



### CA93 Series Female Adaptor – Sealing

Order Code	Part No	NPS	RRP	List Price
34CA93-88	CA93-88	1/4" NPS	33.53	22.35
34CA93-89	CA93-89	3/8" NPS	33.53	22.35
34CA93-90	CA93-90	1/2" NPS	33.53	22.35



### CA93 Series Male Adaptor – Sealing

Order Code	Part No	NPT	RRP	List Price
34CA93-91	CA93-91	1/4" NPT	33.53	22.35
34CA93-92	CA93-92	3/8" NPT	33.53	22.35
34CA93-93	CA93-93	1/2" NPT	33.53	22.35



### Coupling & Adaptor Brackets

Order Code	NPS	RRP	List Price
34SB420	1/2" NPS Female	36.69	24.46
34SB423	1/4" NPS Female	37.19	24.79


**TubeFit – Pistol Grip Series**

Order Code	Description	RRP	List Price
061-10G	Std Model	16.35	10.90
061-10TCD	Cab Duster Assembly	93.35	62.23
067-728	Zinc Cast – Carded	43.02	28.68


**TubeFit – Squeeze Grip Series**

Order Code	Part No	Description	RRP	List Price
067-706	706	Squeeze Grip	40.44	26.96
067-708	708	Safe-n-Quiet	110.81	73.87


**Jamec-Pem Palm Grip Series**

Order Code	Part No	Description	RRP	List Price
067-411	411	Standard Short Nose	53.18	35.45
067-412	412	Standard Long Nose	60.18	40.12



067-700

**Jamec-Pem – Air Master Series**

Order Code	Part No	Description	RRP	List Price
067-7181	7181	450mm Ext Nozzle	79.98	53.32
067-0770	0770	Squeeze Grip – Ext Nozzle	93.17	62.11
067-700	700	Palm Grip – Long Nozzle	62.81	41.87
067-702	702	Palm Grip – Std Nozzle	52.74	35.16
067-703	703	Palm Grip – Power Nozzle	117.50	78.33



067-702



067-7181



067-0770



067-703



068-9300

## Tyre Chucks

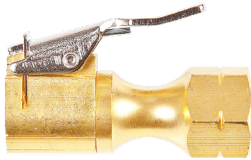
Order Code	Description	RRP	List Price
068-9300	1/4"	41.90	27.93
067-9301	Single Clip-On Chuck	22.10	14.73
068-706S	Dual Hold on Chuck Sealing	20.64	13.76
068-706NS	Dual Hold on Chuck Non Sealing	20.64	13.76
067-9402	1/4" F Clip-On Sealing	22.10	14.73
067-9404	1/4" F Clip-On Non Sealing	22.10	14.73



067-9301



068-9303



067-9402



068-706S



068-706NS



### Tyre Inflators

Order Code	Description	RRP	List Price
068-91000TDR	Dual Hold-On Chuck 0-1000kPa Indicator	368.81	245.87



### Tyre Gauges

Order Code	Description	RRP	List Price
068-9530	Single Hold-On Chuck 50-300kPa Bar Indicator Tractor Tyres	103.73	69.15
068-9542	Dial Gauge 50MM Single Hold-On Angled Chuck 60psi / 400kPa	67.56	45.04



### Manifold – Anodised Aluminium

Order Code	Description	RRP	List Price
06Y-0406	3-Way Manifold 3-Way 1/4" BSP Outlets x 3/8" BSP Inlet	22.82	15.21
06Y-05W	5-Way Manifold 5-Way 1/4" BSP Outlets x 1/4" BSP Inlet	27.39	18.26



## Filter/Regulator/Lubricator Combination

Order Code	Description	RRP	List Price
07072-FRL04AD	1/4" Filter / Reg / Lub, Auto Drain, C/W Gauge, Bracket & Shut-off Valve	664.41	442.94
07072-FRL04MD	1/4" Filter / Reg / Lub, Manual Drain, C/W Gauge, Bracket & Shut-off Valve	575.66	383.77

Complete with gauge & bracket



## Regulator Units

Order Code	Description	RRP	List Price
07073-R04	R72 Series 1/4" BSPP Regulator, 0-10 Bar	201.69	134.46
07073-R08	R74 Series 1/2" BSPP Regulator, 0-10 Bar	212.07	141.38

All complete with bracket



## Filter Units

Order Code	Description	RRP	List Price
07073-F04MD	F72 Series 1/4" BSPP Filter – Manual Drain 1500Lpm	207.45	138.30
07073-F08MD	F74 Series 1/2" BSPP Filter – Manual Drain 1980 Lpm	206.87	137.91

All complete with gauge & bracket



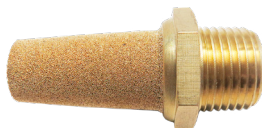
## Filter Regulator Units

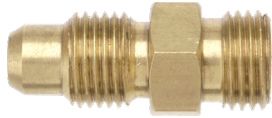
Order Code	Description	RRP	List Price
07073-FR04AD	72 Series 1/4" BSPP Filter / Regulator, Auto Drain 2280 Lpm	391.58	261.05
07073-FR04MD	72 Series 1/4" BSPP Filter / Regulator, Manual Drain 2280 Lpm	276.62	184.41
07073-FR06AD	73 Series 3/8" BSPP Filter / Regulator, Auto Drain 3480 Lpm	405.71	270.47



## Airline Accessories

Order Code	Description	RRP	List Price
07001-02	1/8" Brass Flat Silencer	7.10	4.73
07001-04	1/4" Brass Flat Silencer	10.05	6.70
07001-06	3/8" Brass Flat Silencer	16.68	11.12
07001-08	1/2" Brass Flat Silencer	23.75	15.83
07001-12	3/4" Brass Flat Silencer	40.34	26.89
07001-16	1" Brass Flat Silencer	73.02	48.68
07002-02	1/8" BSP Dome Sintered Bronze Silencer	13.71	9.14
07002-04	1/4" BSP Dome Sintered Bronze Silencer	15.47	10.31
07002-06	3/8" BSP Dome Sintered Bronze Silencer	39.89	26.59
07002-08	1/2" BSP Dome Sintered Bronze Silencer	60.84	40.56
07002-16	1" BSP Dome Sintered Bronze Silencer	178.86	119.24
07072-AWB	72 Series Wall Mount Bracket	71.48	47.65





## Fuel Filter Adaptors

Order Code	Description	RRP	List Price
06C-604	1/4" Hose x 1/2" 20 TPI Straight	10.02	6.68
06C-605	5/16" Hose x 1/2" 20 TPI Straight	5.66	3.77
06C-606	3/8" Hose x 1/2" 20 TPI Straight	6.24	4.16
06C-704	1/4" BSP x 1/2" 20 TPI Straight	8.03	5.35
06C-804	1/4" BSP x 1/2" 20 TPI Elbow	17.28	11.52



## Thread Tape

Order Code	Description	RRP	List Price
24005-AU	12mm / 6m Plumbers Tape	9.60	6.40
24007	12mm / 15m Anti-Seize Tape	52.73	35.15
24010	12mm / 6m Gas Tape	17.12	11.41
24011	12mm / 10m Standard Tape	1.82	1.21
24012	12mm / 6.5m Stainless Steel Tape	36.26	24.17
24013	25mm / 10m Standard Tape	10.58	7.05



## Pistol Grip Grease Gun

Order Code	Description	RRP	List Price
37480	500cc Grease Gun	108.06	72.04



## Oil Suction Guns

Order Code	Description	RRP	List Price
37501	500cc Oil Suction Gun	46.01	30.67
37503	1000cc Oil Suction Gun	69.81	46.54



## Engine Cleaning Gun

Order Code	Description	RRP	List Price
37600	Cleaning Gun Aluminium Pot	75.87	50.58


**Plated Steel Grease Nipples BSF**

Order Code	Part No.	Description	RRP	List Price
Y12001	No 1	1/4" Straight	1.26	0.84
Y12005	No 5	1/4" 45°	2.46	1.64
Y12008	No 8	1/4" 67.5°	2.46	1.64
Y12010	No 10	1/4" 90°	2.46	1.64
Y12012	No 12	5/16" Straight	1.83	1.22
Y12020	No 20	5/16" 67.5°	3.23	2.15


**Plated Steel Grease Nipples BSP**

Order Code	Part No.	Description	RRP	List Price
Y12029	No 29	1/8" Straight	1.38	0.92
Y12034	No 34	1/8" 45°	2.63	1.75
Y12039	No 39	1/8" 67.5°	2.63	1.75
Y12044	No 44	1/8" 90°	2.63	1.75
Y12046	No 46	1/8" 1Pc Std Button Hd	3.71	2.47
Y12048	No 48	1/4" Straight	2.84	1.89
Y12052	No 52	1/4" 45°	5.46	3.64
Y12056	No 56	1/4" 67.5°	5.46	3.64
Y12060	No 60	1/4" 90°	5.46	3.64


**Plated Steel Grease Nipples BSW**

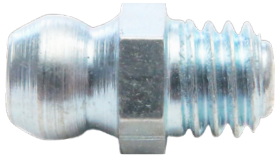
Order Code	Part No.	Description	RRP	List Price
Y12002	No 2	1/4" Straight	1.53	1.02
Y12006	No 6	1/4" 45°	5.67	3.78
Y12009	No 9	1/4" 67.5°	5.67	3.78
Y12011	No 11	1/4" 90°	5.67	3.78


**Plated Steel Grease Nipples NPT**

Order Code	Part No.	Description	RRP	List Price
Y12028	No 28	1/8" Straight	1.43	0.95
Y12138	No 138	1/8" 45°	2.63	1.75
Y12037	No 37	1/8" 67.5°	2.63	1.75
Y12043	No 43	1/8" 90°	2.63	1.75
Y12047	No 47	1/8" Straight	3.71	2.47
Y12051	No 51	1/8" 45°	7.61	5.07
Y12059	No 59	1/4" 90°	7.61	5.07


**Plated Steel Grease Nipples UNF**

Order Code	Part No.	Description	RRP	List Price
Y12003	No 3	1/4" Straight	1.26	0.84
Y12007	No 7	1/4" 45°	2.46	1.64
Y12188	No 188	1/4" 67.5°	2.46	1.64
Y12107	No 107	1/4" 90°	2.46	1.64
Y12127	No 127	1/4" Straight – 15/16" long	2.75	1.83
Y12190	No 190	5/16" Straight	1.53	1.02
Y12195	No 195	3/8" Straight	1.71	1.14


**Plated Steel Grease Nipples Metric**

Order Code	Part No.	Description	RRP	List Price
Y12161	No 161	6mm x 1mm Straight	1.26	0.84
Y12168	No 168	6mm x 1mm 45°	2.46	1.64
Y12165	No 165	6mm x 1mm 90°	2.46	1.64
Y12163	No 163	6mm x 1mm Self Tapping	1.71	1.14
Y12162	No 162	8mm x 1mm Straight	1.32	0.88
Y12172	No 172	8mm x 1mm 45°	2.54	1.69
Y12169	No 169	8mm x 1mm 90°	2.54	1.69
Y12015	No 15	8mm x 1.25mm Straight	1.38	0.92
Y12173	No 173	8mm x 1.25mm 90°	2.66	1.77
Y12200	No 200	10mm x 1mm Straight	1.46	0.97
Y12203	No 203	10mm x 1mm 45°	2.75	1.83
Y12204	No 204	10mm x 1mm 90°	2.66	1.77
Y121010	No 1010	10mm x 1mm Std Button Hd	13.61	9.07
Y12205	No 205	10mm x 1.5mm Straight	2.54	1.69
Y12206	No 206	10mm x 1.5mm 45°	3.39	2.26


**Plated Steel Grease Nipples Drive Fit**

Order Code	Part No.	Description	RRP	List Price
Y12078	No 78	1/4" Drive Fit – with check	1.47	0.98
Y12077	No 77	1/4" Drive Fit – no check	1.43	0.95


**Stainless Steel Grease Nipples BSP**

Order Code	Part No.	Description	RRP	List Price
Y12029SS	No 29SS	1/8" Straight	28.97	19.31
Y12044SS	No 44SS	1/8" 90°	54.68	36.45
Y12048SS	No 48SS	1/4" Straight	36.27	24.18


**Stainless Steel Grease Nipples UNF**

Order Code	Part No.	Description	RRP	List Price
Y12003SS	No 3SS	1/4" Straight	28.97	19.31


**Stainless Steel Grease Nipples Metric**

Order Code	Part No.	Description	RRP	List Price
Y12161SS	No 161SS	6mm x 1mm Straight	28.97	19.31
Y12168SS	No 168SS	6mm x 1mm 45°	54.68	36.45
Y12200SS	No 200SS	10mm x 1mm Straight	28.97	19.31





### 40mm Dry Gauge – Bottom Entry

Order Code	Description	RRP	List Price
0804D-2250SB	250kPa – 1/8" BSPT Stainless Steel Case	33.86	22.57
0804D-2400SB	400kPa – 1/8" BSPT Stainless Steel Case	33.86	22.57
0804D-21000SB	1000kPa – 1/8" BSPT Stainless Steel Case	33.86	22.57



### 40mm Dry Gauge – Rear Entry

Order Code	Description	RRP	List Price
0804D-2250NSR	250kPa – 1/8" NPT Stainless Steel Case	34.65	23.10
0804D-2250SR	250kPa – 1/8" BSPT Stainless Steel Case	34.65	23.10
0804D-2400SR	400kPa – 1/8" BSPT Stainless Steel Case	34.65	23.10
0804D-21000SR	1000kPa – 1/8" BSPT Stainless Steel Case	34.65	23.10
0804D-41000SR	1000kPa – 1/4" BSPT Stainless Steel Case	34.65	23.10



### 50mm Dry Gauge – Bottom Entry

Order Code	Description	RRP	List Price
0805D-2800BB	800kPa – 1/8" BSPT Black Steel Case	31.07	20.71
0805D-4100SBV	-100kPa Vacuum – 1/4" BSPT Stainless Steel Case	45.42	30.28
0805D-4100SB	100kPa – 1/4" BSPT Stainless Steel Case	45.42	30.28
0805D-4250SBP	250kPa Swimming Pool – 1/4" BSPT Stainless Steel Case	36.74	24.49
0805D-4250SB	250kPa – 1/4" BSPT Stainless Steel Case	36.74	24.49
0805D-4400CB	400kPa – 1/4" BSPT Safety Case	31.07	20.71
0805D-4400SB	400kPa – 1/4" BSPT Stainless Steel Case	36.74	24.49
0805D-41000BB	1000kPa – 1/4" BSPT Black Steel Case	31.07	20.71
0805D-41000SB	1000kPa – 1/4" BSPT Stainless Steel Case	36.74	24.49
0805D-41600SB	1600kPa – 1/4" BSPT Stainless Steel Case	36.74	24.49
0805D-42500NSB	2500kPa – 1/4" NPT Stainless Steel Case	41.61	27.74



### 50mm Liquid Filled Gauge – Bottom Entry

Order Code	Description	RRP	List Price
0805L-4250SBP	250kPa Swimming Pool – 1/4" BSPT Stainless Steel Case	55.61	37.07
0805L-41600SB	1600kPa – 1/4" BSPT Stainless Steel Case	55.61	37.07



### 50mm Dry Gauge – Rear Entry

Order Code	Description	RRP	List Price
0805D-2100SRV	-100kPa Vacuum – 1/8" BSPT Stainless Steel Case	39.56	26.37
0805D-2400SR	400kPa – 1/8" BSPT Stainless Steel Case	39.56	26.37
0805D-2800SR	800kPa – 1/8" BSPT Stainless Steel Case	39.56	26.37
0805D-21000BR	1000kPa – 1/8" BSPT Black Steel Case	34.04	22.69
0805D-21000SR	1000kPa – 1/8" BSPT Stainless Steel Case	39.56	26.37
0805D-24000SR	4000kPa – 1/8" BSPT Stainless Steel Case	39.56	26.37
0805D-4250SR	250kPa – 1/4" BSPT Stainless Steel Case	39.56	26.37



### 63mm Dry Gauge – Bottom Entry

Order Code	Descrip	RRP	List Price
0806D-4100BBV	-100kPa Vacuum - 1/4" BSPT Black Steel Case	49.62	33.08
0806D-4400BB	400kPa – 1/4" BSPT Black Steel Case	43.34	28.89
0806D-41000BB	1000kPa – 1/4" BSPT Black Steel Case	43.34	28.89
0806D-41600BB	1600kPa – 1/4" BSPT Black Steel Case	43.34	28.89



### 63mm Liquid Filled Gauge – Bottom Entry

Order Code	Description	RRP	List Price
0806L-4100SBV	-100kPa Vacuum – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-4100SB	100kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-4250SB	250kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-4400SB	400kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-4600SB	600kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-4800SB	800kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-41000SB	1000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-41600SB	1600kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-42500SB	2500kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-44000SB	4000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-46000SB	6000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-48000SB	8000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-410000SB	10000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-416000SB	16000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-425000SB	25000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-440000SB	40000kPa – 1/4" BSPT Stainless Steel Case	61.76	41.17



### 63mm Dry Gauge – Rear Entry

Order Code	Description	RRP	List Price
0806D-41000BR	1000kPa – 1/4" BSPT Black Steel Case	44.87	29.91



### 63mm Liquid Filled Gauge – Rear Entry

Order Code	Description	RRP	List Price
0806L-4100SRV	-100kPa Vacuum – 1/4" BSPT Stainless Steel Case	61.76	41.17
0806L-4100SR	100kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-4600SR	600kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-4800SR	800kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-41000SR	1000kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-41600SR	1600kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-42500SR	2500kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-44000SR	4000kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-46000SR	6000kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-48000SR	8000kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-416000SR	16000kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-425000SR	25000kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47
0806L-440000SR	40000kPa – 1/4" BSPT Stainless Steel Case	65.21	43.47


**100mm Dry Gauge – Bottom Entry – Single Scale – kPa Only**

Order Code	Description	RRP	List Price
0810D-6100BBV	-100kPa Vacuum – 3/8" BSPT Black Steel Case	80.84	53.89
0810D-6400BB	400kPa – 3/8" BSPT Black Steel Case	74.81	49.87
0810D-64000BB	4000kPa – 3/8" BSPT Black Steel Case	74.81	49.87


**100mm Liquid Filled Gauge – Bottom Entry**

Order Code	Description	RRP	List Price
0810L-6100SBV	-100kPa Vacuum – 3/8" BSPT Stainless Steel Case	152.54	101.69
0810L-6250SB	250kPa – 3/8" BSPT Stainless Steel Case	152.54	101.69
0810L-6400SB	400kPa – 3/8" BSPT Stainless Steel Case	152.54	101.69
0810L-6800SB	800kPa – 3/8" BSPT Stainless Steel Case	152.54	101.69
0810L-61000SB	1000kPa – 3/8" SPT Stainless Steel Case	152.54	101.69
0810L-61600SB	1600kPa – 3/8" BSPT Stainless Steel Case	152.54	101.69
0810L-62500SB	2500kPa – 3/8" BSPT Stainless Steel Case	152.54	101.69


**Accessories**

Order Code	Description	RRP	List Price
0805-FF	Front Flange 50mm	15.08	10.05
0806-RB	Rubber Boot for 63mm Gauge	43.17	28.78
0804-PMK	Panel Mount Kit 40mm	9.23	6.15
0805-PMK	Panel Mount Kit 50mm	11.03	7.35
0806-PMK	Panel Mount Kit 63mm	13.13	8.75

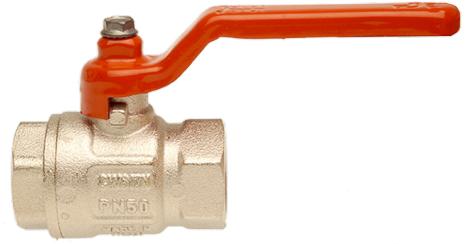
## Ideal Series – Full Bore, Brass Ball Valve

**Media/Application**

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

**Operating Temperature**

-15°C to +150°C in absence of steam

**Construction:****Body**

Nickel plated brass

**Standard Packing Material**

Teflon (P.T.F.E.)

**Ball**

Chrome plated brass

**Lever Handle**

Red varnished steel with zinc plated bolt

**Stem**

Brass

**Pipe Thread**

Tapered Male (R Series) Parallel Female (Rp Series)

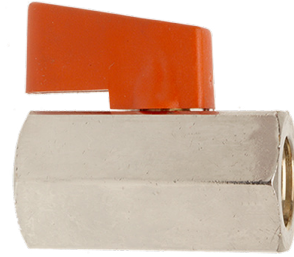
## Mini Series – Reduced Bore Brass Ball Valve

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-15°C to +90°C



### Construction:

#### Body

Nickel plated brass

#### Standard Packing Material

Teflon (P.T.F.E.)

#### Ball

Chrome plated brass

#### Butterfly Handle

Red Nylon 6.6 with zinc plated bolt

#### Stem

Brass

#### Pipe Thread Standard

AS 1722.2 (G series)

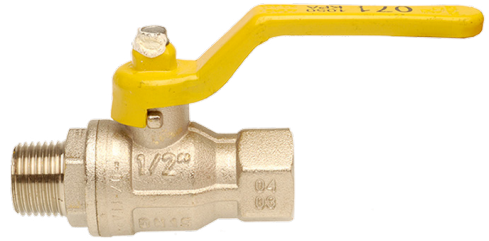
## Berlin Series Gas Approved, Full Bore, Brass Ball Valve

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Steam
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-20°C to +60°C



### Construction:

#### Body

Nickel plated brass

#### Standard Packing Material

Teflon (P.T.F.E.)

#### Ball

Chrome plated brass

#### Lever Handle

Yellow varnished steel with zinc plated bolt

#### Butterfly Handle

Yellow aluminium with zinc plated bolt

#### Stem

Brass

#### Pipe Thread

Tapered Male (R Series) Parallel Female (Rp Series)

#### A.G.A Approval

5256 to 1050kPa all sizes

## Three-Way Reduced Bore, Brass Ball Valve, L Port

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-15°C to +150°C in absence of steam



### Construction:

#### Body

Nickel plated brass

#### Standard Packing Material

Teflon (P.T.F.E.)

#### Ball

Chrome plated brass

#### Lever Handle

Red aluminium with zinc plated bolt

#### Stem

Brass

#### Pipe Thread Standard

AS 1722.2 (G series)

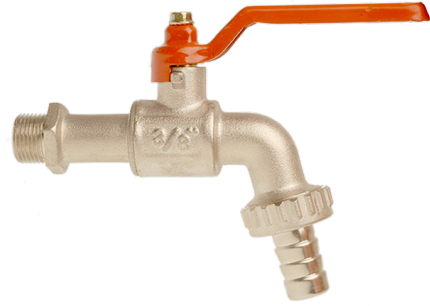
## Gar Ball Bibcock with Hose-End

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-20°C to +80°C



### Construction:

#### Body

Nickel plated brass

#### Standard Packing Material

Teflon (P.T.F.E.)

#### Ball

Chrome plated brass

#### Lever Handle

Red varnished steel with zinc plated bolt

#### Stem

Brass

#### Pipe Thread Standard

AS 1722.2 (G series)

#### Hose Fitting

Nickel plated brass nut & polymer hose end



## Total Series – Gas Approved, Full Bore, Brass Ball Valve

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Steam
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-20°C to +150°C

### Construction:

#### Body

Nickel plated brass

#### Standard Packing Material

Teflon (P.T.F.E.)

#### Ball

Chrome plated brass

#### Lever Handle

Black die cast aluminium (polyurethane coated)  
with zinc plated bolt

#### Stem

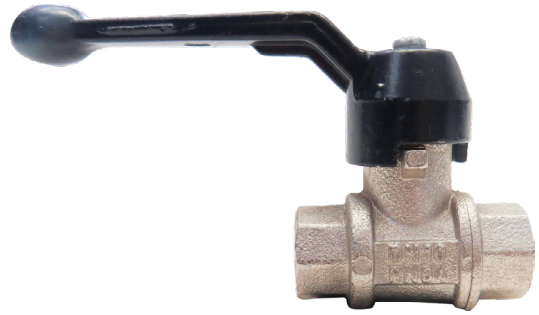
Brass

#### Pipe Thread

BSP Parallel female (Rp Series)

#### A.G.A. Approval

5301



Hipress Series – High Pressure,  
Reduced Bore, Brass Ball Valve

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Water
- ✓ Air
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-20°C to +80°C

### Maximum Pressure

21000kPa

Construction:

### Body

Nickel plated brass

### Standard Packing Material

Acetic resin / viton O-Ring

### Ball

Chrome plated brass

### Butterfly Handle

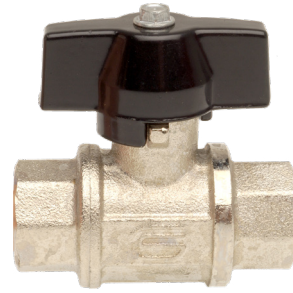
Black die cast aluminium (polyurethane coated)  
with zinc plated nut

### Stem

Brass

### Pipe Thread

BSP Parallel female (Rp Series)



## Triflux Three-Way T Port Brass Ball Valve, Full Bore, Gas Approved

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-10°C to +120°C



### Construction:

#### Body

Nickel plated brass

#### Standard Packing Material

Teflon (P.T.F.E.)

#### Ball

Chrome plated brass

#### Lever Handle

Powder Coated Aluminium

#### Stem

Brass

#### Pipe Thread

BSP Parallel female (Rp Series)

#### A.G.A. Approval

5301

## 316 Grade Stainless Steel Ball Valves

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Steam
- ✓ Petrol
- ✓ Oil

### Operating Temperature

0°C to +220°C



### Construction:

#### Body

316 Stainless steel

**Note:** Available in 1, 2 & 3 piece configurations

#### Standard Packing Material

Teflon (P.T.F.E.)

#### Ball

316 Stainless steel

#### Lever Handle

PVC Coated 304 stainless steel

#### Stem

316 Stainless steel

#### Bolts, Nuts and Spring Washers

316 Stainless steel

#### Pipe Thread Standard

Female AS 1722.2 (G Series)

#### Note

NPT Threaded option available on some 2 and 3 piece valves.

## Brass Gate Valve – Untested

**Media/Application**

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Water (non-drinking)

**Operating Temperature**

0°C to +60°C

## Construction:

**Body**

Brass

**Standard Packing Material**

Dutral EPDM Rubber

**Stem**

Red varnished steel with zinc plated nut

**Hand Wheel**

Brass

**Seat**

Brass



## Swing Check Valve – Untested

### Media/Application

- ✓ Industrial, domestic and hydraulic installations
- ✓ Water (non-drinking)

### Operating Temperature

0°C to +60°C



## Construction:

### Body

Brass

### Standard Packing Material

Nitrilic rubber NBR 65

### Pipe Thread Standard

AS 1722.2 (G series)

## York Check & Foot Valve

### Media/Application

- ✓ Industrial, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)

### Operating Temperature

0°C to +80°C



### Construction:

#### Body

Brass

#### Standard Packing Material

Nitrilic rubber NBR 65

#### Stem

Nylon 6.6

#### Spring

304 Stainless Steel

#### Filter Mesh

304L Stainless Steel

#### Filter Thread

Nylon 6.6

#### Pipe Thread Standard

AS 1722.2 (G Series)

### Note

To convert a check valve to a foot valve, simply mate equivalent sized valve and filter.

## Needle Valves

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Gas\*
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

### Operating Temperature

0°C to +90°C

### Construction:

#### Body

DR Brass

#### Standard Packing Material

Viton

#### Handle

DR Brass

#### Stem

DR Brass

#### Pipe Thread

Tapered Male (R Series) Parallel Female (Rp Series)

### A.G.A Approval

- 4104
- \*Compression type or barb type needle valves are not recommended, or approved, for use with gas.





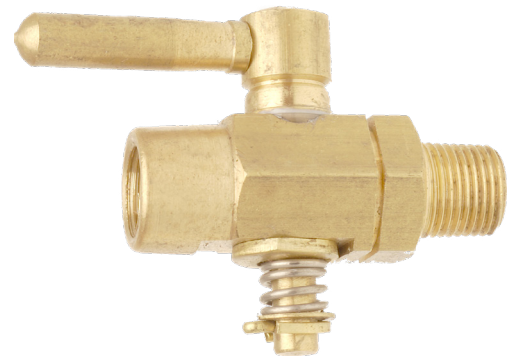
## Lever Taps

### Media/Application

- ✓ Industrial, pneumatic, domestic and hydraulic installations
- ✓ Air
- ✓ Water (non-drinking)
- ✓ Petrol
- ✓ Oil

### Operating Temperature

0°C to +60°C



## Construction:

### Body

Brass

### Lever Handle

Brass

### Stem

DR Brass

### Standard Lubricant

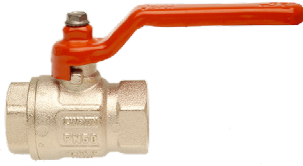
Graphite Grease

### Pipe Thread

Tapered Male (R Series) Parallel Female (Rp Series)

### Note

Not recommended or approved for use with gas.



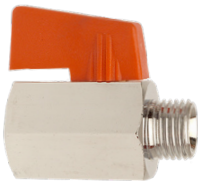
### Ideal Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47026-04	1/4" BSP	4900kPa	12.05	8.03
47026-06	3/8" BSP	4900kPa	12.27	8.18
47026-08	1/2" BSP	4900kPa	14.75	9.83
47026-12	3/4" BSP	3900kPa	21.72	14.48
47026-16	1" BSP	3900kPa	33.30	22.20
47026-20	1 1/4" BSP	2950kPa	53.48	35.65
47026-24	1 1/2" BSP	2950kPa	78.51	52.34
47026-32	2" BSP	2480kPa	124.17	82.78
47026-40	2 1/2" BSP	1790kPa	286.59	191.06
47026-48	3" BSP	1580kPa	453.42	302.28
47026-64	4" BSP	1380kPa	734.81	489.87



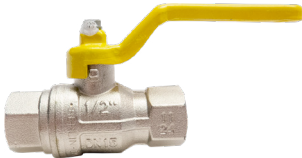
### Mini Series – F & F Reduced Bore Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47026-02M	1/8" BSP	1500kPa	10.47	6.98
47026-04M	1/4" BSP	1500kPa	10.47	6.98
47026-06M	3/8" BSP	1500kPa	10.53	7.02
47026-08M	1/2" BSP	1500kPa	12.68	8.45



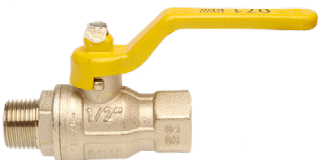
### Mini Series – M & F Reduced Bore Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47072-02M	1/8" BSP	1500kPa	10.37	6.91
47072-04M	1/4" BSP	1500kPa	10.37	6.91
47072-06M	3/8" BSP	1500kPa	10.53	7.02
47072-08M	1/2" BSP	1500kPa	12.39	8.26



### Berlin series – F & F Full Bore Brass Ball Valve – Lever Handle

Order Code	Size	Maximum Pressure	RRP	List Price
47026-04G	1/4" BSP	4900kPa	15.56	10.37
47026-06G	3/8" BSP	4900kPa	16.35	10.90
47026-08G	1/2" BSP	4900kPa	19.22	12.81
47026-12G	3/4" BSP	3900kPa	28.25	18.83
47026-16G	1" BSP	3900kPa	39.41	26.27
47026-20G	1 1/4" BSP	2950kPa	63.56	42.37
47026-24G	1 1/2" BSP	2950kPa	91.82	61.21
47026-32G	2" BSP	2480kPa	135.12	90.08



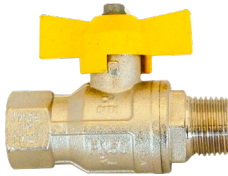
### Berlin Series – M & F Full Bore Brass Ball Valve – Lever Handle

Order Code	Size	Maximum Pressure	RRP	List Price
47072-04G	1/4" BSP	4900kPa	16.35	10.90
47072-06G	3/8" BSP	4900kPa	17.58	11.72
47072-08G	1/2" BSP	4900kPa	19.22	12.81
47072-12G	3/4" BSP	3900kPa	28.25	18.83
47072-16G	1" BSP	3900kPa	39.41	26.27
47072-20G	1 1/4" BSP	2950kPa	63.56	42.37
47072-24G	1 1/2" BSP	2950kPa	91.82	61.21
47072-32G	2" BSP	2480kPa	135.12	90.08



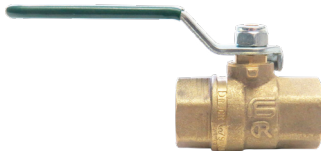
### Berlin Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47026-04BG	1/4" BSP	4900kPa	15.38	10.25
47026-06BG	3/8" BSP	4900kPa	16.11	10.74
47026-08BG	1/2" BSP	4900kPa	19.22	12.81
47026-12BG	3/4" BSP	3900kPa	28.25	18.83
47026-16BG	1" BSP	3900kPa	39.41	26.27



### Berlin Series – M & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47072-04BG	1/4" BSP	4900kPa	16.35	10.90
47072-06BG	3/8" BSP	4900kPa	17.58	11.72
47072-08BG	1/2" BSP	4900kPa	19.22	12.81
47072-12BG	3/4" BSP	3900kPa	28.25	18.83
47072-16BG	1" BSP	3900kPa	39.41	26.27



### Isis Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47026-04DR	1/4" BSP	4000kPa	46.83	31.22
47026-06DR	3/8" BSP	4000kPa	46.83	31.22
47026-08DR	1/2" BSP	4000kPa	42.54	28.36
47026-12DR	3/4" BSP	4000kPa	57.54	38.36
47026-16DR	1" BSP	4000kPa	84.98	56.65
47026-20DR	1 1/4" BSP	2500kPa	139.05	92.70
47026-24DR	1 1/2" BSP	2500kPa	223.20	148.80
47026-32DR	2" BSP	2500kPa	335.96	223.97



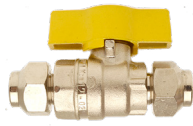
### Isis Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47026-06DREXT	3/8" BSP	4000kPa	69.65	46.43
47026-08DREXT	1/2" BSP	4000kPa	69.65	46.43



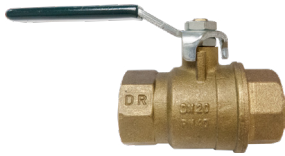
### Total Series – F & F Full Bore Brass Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47026-02T	1/8" BSP	10000kPa	76.83	51.22
47026-04T	1/4" BSP	10000kPa	76.83	51.22
47026-06T	3/8" BSP	10000kPa	94.41	62.94
47026-08T	1/2" BSP	10000kPa	104.75	69.83
47026-12T	3/4" BSP	10000kPa	156.30	104.20
47026-16T	1" BSP	10000kPa	216.72	144.48
47026-20T	1 1/4" BSP	10000kPa	359.72	239.81
47026-32T	2" BSP	4000kPa	839.75	559.83



### Flare x Flare AGA Approved Gas Cock

Order Code	Tube	Thread Form	Maximum Pressure	RRP	List Price
47017-05	5/16"	SAE	4000kPa	48.17	32.11
47017-06	3/8"	BSP	4000kPa	45.39	30.26
47017-08	1/2"	BSP	4000kPa	37.16	24.77
47017-12	3/4"	BSP	4000kPa	49.74	33.16



### Watermarked DZR – F & F Full Bore Brass Ball

Order Code	Size	Maximum Pressure	RRP	List Price
47026-08WDR	1/2" BSP	4000kPa	36.38	24.25
47026-12WDR	3/4" BSP	4000kPa	48.93	32.62
47026-16WDR	1" BSP	4000kPa	73.55	49.03



### Hipress Series – F & F Reduced Bore Brass Valve

Order Code	Size	Maximum Pressure	RRP	List Price
47026-06HP	3/8" BSP	21000kPa	176.34	117.56
47026-08HP	1/2" BSP	21000kPa	204.35	136.23



### Gar Ball Bibcock With Hose End

Order Code	Hose X BSP	Maximum Pressure	RRP	List Price
47064-0806	1/2" x 3/8"	1500kPa	27.02	18.01
47064-1008	5/8" x 1/2"	1500kPa	20.37	13.58
47064-1212	3/4" x 3/4"	1500kPa	28.85	19.23
47064-1616	1" x 1"	1170kPa	53.63	35.75



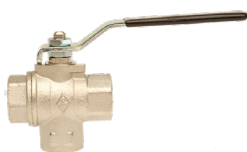
### Triflux Full Bore 3 Way Ball Valve Side Entry T-Port

Order Code	Size	Maximum Pressure	RRP	List Price
47035-04TRI	1/4" BSP	4000kPa	405.74	270.49
47035-08TRI	1/2" BSP	4000kPa	405.74	270.49



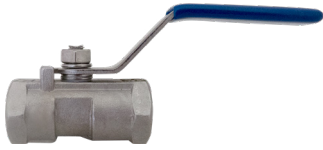
### 3 Way Ball Valve – Side Entry L-Port

Order Code	Size	Maximum Pressure	RRP	List Price
47035-04SEL	1/4" BSP	2480kPa	90.14	60.09
47035-06SEL	3/8" BSP	2480kPa	90.14	60.09
47035-08SEL	1/2" BSP	2480kPa	90.14	60.09
47035-12SEL	3/4" BSP	2480kPa	140.22	93.48
47035-16SEL	1" BSP	2480kPa	209.01	139.34
47035-20SEL	1 1/4" BSP	2480kPa	313.64	209.09
47035-24SEL	1 1/2" BSP	2480kPa	452.93	301.95
47035-32SEL	2" BSP	2480kPa	815.58	543.72



### 3 Way Ball Valve – Bottom Entry L-Port

Order Code	Size	Maximum Pressure	RRP	List Price
47035-04BEL	1/4" BSP	1600kPa	200.54	133.69
47035-06BEL	3/8" BSP	1600kPa	200.54	133.69
47035-08BEL	1/2" BSP	1600kPa	200.54	133.69
47035-12BEL	3/4" BSP	1600kPa	236.72	157.81



## 1 – Piece Stainless Steel – Reduced Bore Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
711026-04	1/4" BSP	7000kPa	49.14	32.76
711026-06	3/8" BSP	7000kPa	51.75	34.50
711026-08	1/2" BSP	7000kPa	55.35	36.90
711026-12	3/4" BSP	7000kPa	69.78	46.52
711026-16	1" BSP	7000kPa	95.42	63.61
711026-20	1 1/4" BSP	7000kPa	143.66	95.77
711026-24	1 1/2" BSP	4900kPa	215.49	143.66
711026-32	2" BSP	4900kPa	260.46	173.64



## 2 – Piece Stainless Steel – Full Bore Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
712026-04	1/4" BSP	8600kPa	61.29	40.86
712026-06	3/8" BSP	8600kPa	60.00	40.00
712026-08	1/2" BSP	8600kPa	63.77	42.51
712026-12	3/4" BSP	8600kPa	80.10	53.40
712026-16	1" BSP	7100kPa	113.97	75.98
712026-24	1 1/2" BSP	7100kPa	201.11	134.07
712026-32	2" BSP	6200kPa	290.33	193.55



## 3 – Piece Stainless Steel – Full Bore Ball Valve

Order Code	Size	Maximum Pressure	RRP	List Price
713026-06	3/8" BSP	8600kPa	79.52	53.01
713026-08	1/2" BSP	8600kPa	92.34	61.56
713026-12	3/4" BSP	8600kPa	124.71	83.14
713026-16	1" BSP	7100kPa	163.65	109.10
713026-20	1 1/4" BSP	7100kPa	207.11	138.07
713026-24	1 1/2" BSP	7100kPa	304.70	203.13
713026-32	2" BSP	6200kPa	427.76	285.17



### Brass Gate Valve – Untested

Order Code	Size	Maximum Pressure	RRP	List Price
23003-08	1/2" BSP	820kPa	14.90	9.93
23003-12	3/4" BSP	820kPa	17.46	11.64
23003-16	1" BSP	820kPa	24.57	16.38
23003-20	1 1/4" BSP	820kPa	38.43	25.62
23003-24	1 1/2" BSP	820kPa	51.09	34.06
23003-32	2" BSP	820kPa	73.73	49.15



### Swing Check Valve

Order Code	Size	Maximum Pressure	RRP	List Price
23004-08	1/2" BSP	1170kPa	20.25	13.50
23004-12	3/4" BSP	1170kPa	28.11	18.74
23004-16	1" BSP	1170kPa	39.33	26.22
23004-20	1 1/4" BSP	960kPa	57.36	38.24
23004-24	1 1/2" BSP	960kPa	73.89	49.26
23004-32	2" BSP	960kPa	105.00	70.00



### York Check & Foot Valves

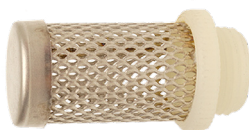
Order Code	Size	Maximum Pressure	RRP	List Price
23151-06	3/8" BSP	1170kPa	13.95	9.30
23151-08	1/2" BSP	1170kPa	13.88	9.25
23151-12	3/4" BSP	1170kPa	19.62	13.08
23151-16	1" BSP	1170kPa	25.47	16.98
23151-20	1 1/4" BSP	960kPa	36.93	24.62
23151-24	1 1/2" BSP	960kPa	55.82	37.21
23151-32	2" BSP	960kPa	77.75	51.83
23151-40	2 1/2" BSP	750kPa	146.36	97.57
23151-48	3" BSP	750kPa	208.17	138.78
23151-64	4" BSP	750kPa	360.29	240.19

To convert a check valve to a foot valve, simply mate equivalent sized valve and strainer



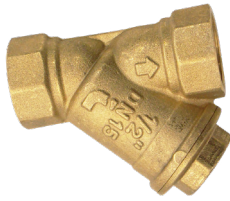
### Valstop Check Valves – C/W Viton O-Ring

Order Code	Size	Maximum Pressure	RRP	List Price
23151-04V	1/4" BSP	4800kPa	53.85	35.90
23151-06V	3/8" BSP	4800kPa	53.85	35.90
23151-08V	1/2" BSP	4000kPa	57.30	38.20
23151-12V	3/4" BSP	3500kPa	69.69	46.46
23151-16V	1" BSP	3000kPa	92.96	61.97
23151-24V	1 1/2" BSP	2500kPa	196.26	130.84
23151-32V	2" BSP	2000kPa	320.60	213.73



### York Check & Foot Valves – Strainer Only

Order Code	Size	RRP	List Price
23154-06	3/8" BSP	4.34	2.89
23154-08	1/2" BSP	4.56	3.04
23154-12	3/4" BSP	5.06	3.37
23154-16	1" BSP	5.76	3.84
23154-20	1 1/4" BSP	7.53	5.02
23154-24	1 1/2" BSP	9.93	6.62
23154-32	2" BSP	12.50	8.33
23154-40	2 1/2" BSP	24.96	16.64
23154-48	3" BSP	30.80	20.53
23154-64	4" BSP	41.64	27.76



### "Y" Strainer

Order Code	Size	Maximum Pressure	RRP	List Price
23075-04	1/4" BSP	2000kPa	13.73	9.15
23075-06	3/8" BSP	2000kPa	13.79	9.19
23075-08	1/2" BSP	2000kPa	19.68	13.12
23075-12	3/4" BSP	2000kPa	20.90	13.93
23075-16	1" BSP	2000kPa	33.06	22.04
23075-20	1 1/4" BSP	2000kPa	49.19	32.79
23075-24	1 1/2" BSP	2000kPa	65.12	43.41
23075-32	2" BSP	2000kPa	108.24	72.16
23075-48	3" BSP	1580kPa	359.94	239.96



### Drain Cock External Seat

Order Code	Description	RRP	List Price
6788	1/4" NPT External Seat Drain Cock	7.83	5.22



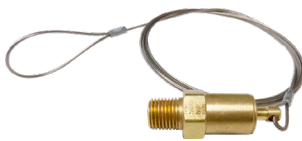
### Drain Cock Internal Seat

Order Code	Description	RRP	List Price
140-AU	1/4" NPT Internal Seat Drain Cock	17.63	11.75



### 90° Bib Drain Cock

Order Code	Description	RRP	List Price
120	1/4" NPT 90° Angle Bib Drain Cock	33.45	22.30



### Air Tank Drain Valve

Order Code	Description	RRP	List Price
1421-60	1/4" NPT Air Tank Drain Valve Looped	35.82	23.88
1421-60A	1/4" NPT Air Tank Drain Valve Non-Looped	91.98	61.32



### Drain Valve

Order Code	Description	RRP	List Price
1425A	1/4" NPT Internal Seat Drain Valve	18.90	12.60


**30 Drain Cock**

Order Code	Size	Maximum Pressure	RRP	List Price
043030-02	1/8" BSP	3500kPa	9.12	6.08
043030-04	1/4" BSP	3500kPa	11.58	7.72
043030-06	3/8" BSP	3500kPa	16.25	10.83
043030-08	1/2" BSP	3500kPa	23.57	15.71


**30 Drain Cock – NPT**

Order Code	Size	Maximum Pressure	RRP	List Price
135	1/8" NPT	1000kPa	6.02	4.01
145	1/4" NPT	1000kPa	6.69	4.46
270-AU	3/8" NPT	1000kPa	19.94	13.29


**406 Safety Valve**

Order Code	Size	RRP	List Price
046406-1035-04	1/4" BSP	26.15	17.43
046406-1035-08	1/2" BSP	74.09	49.39
046406-1035-04C	1/4" BSP w/ Workshop Cert.	320.75	213.83
046406-1035-08C	1/2" BSP w/ Workshop Cert.	374.84	249.89


**Tank Valves – Schrader**

Order Code	BSP	RRP	List Price
067-9392	1/8" BSP Male with Cap	12.93	8.62
067-9393	1/8" BSP Male with Cap-Extended	12.51	8.34




**Hose Shut Off Valve**

Order Code	Description	RRP	List Price
1423	5/8" x 3/8" NPT 90° Hose Shut Off Valve	78.56	52.37
1451	3/4" x 1/2" NPT 90° Hose Shut Off Valve	120.63	80.42


**Hose Drain Cock**

Order Code	Description	RRP	List Price
211280A	5/8" x 3/8" NPT 90° Hose Drain Cock	40.88	27.25


**Hose Truck Valve**

Order Code	Description	RRP	List Price
7504	5/8" x 3/8" NPT 90° Truck Valve	90.03	60.02
7502	5/8" x 1/2" NPT 90° Truck Valve	61.29	40.86


**M & F Truck Valve**

Order Code	Description	RRP	List Price
7509	3/8" x 3/8" M&F NPT 90° Truck Valve	97.22	64.81
7508	1/2" x 1/2" M&F NPT 90° Truck Valve	45.87	30.58



### NV104 Female Needle Valve

Order Code	Size	Maximum Pressure	RRP	List Price
041026-02	1/8" BSP	2600kPa	38.28	25.52
041026-04	1/4" BSP	2600kPa	38.28	25.52
041026-06	3/8" BSP	2600kPa	50.13	33.42



### NV105 Male Needle Valve

Order Code	Size	Maximum Pressure	RRP	List Price
041027-02	1/8" BSP	2600kPa	44.42	29.61
041027-04	1/4" BSP	2600kPa	41.36	27.57



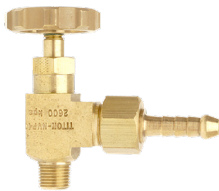
### NV404/808 Male & Female Needle Valve

Order Code	Size	Maximum Pressure	RRP	List Price
041072-02	1/8" BSP	2600kPa	43.28	28.85
041072-04	1/4" BSP	2600kPa	46.38	30.92



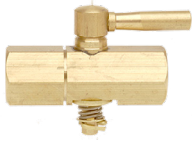
### NV41 - Compression Needle Valve

Order Code	Tube x BSP	Maximum Pressure	RRP	List Price
041005-0402	1/4" x 1/8"	2600kPa	42.59	28.39
041005-0604	3/8" x 1/4"	2600kPa	56.34	37.56



### NVP40 - Barb Needle Valve

Order Code	Hose x BSP	Maximum Pressure	RRP	List Price
041606-0402	1/4" x 1/8"	2600kPa	55.10	36.73
041606-0604	3/8" x 1/4"	2600kPa	63.80	42.53


**104 Female Lever Tap**

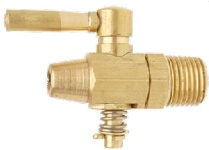
Order Code	Size	Maximum Pressure	RRP	List Price
042026-02	1/8" BSP	410kPa	36.72	24.48
042026-04	1/4" BSP	410kPa	36.72	24.48


**404/808 Male & Female Lever Tap**

Order Code	Size	Maximum Pressure	RRP	List Price
042072-02	1/8" BSP	410kPa	30.68	20.45
042072-04	1/4" BSP	410kPa	30.98	20.65


**DB1 Bent Drain Tap**

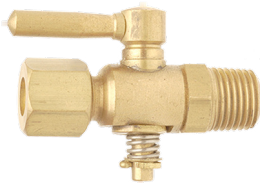
Order Code	Size	Maximum Pressure	RRP	List Price
042064-B02	1/8" BSP	410kPa	36.84	24.56
042064-B04	1/4" BSP	410kPa	36.84	24.56
042064-B04C	1/4" BSP Chrome	410kPa	41.42	27.61
042064-B05	5/16" Wood Screw	410kPa	53.72	35.81
042064-B06	3/8" BSP	410kPa	82.85	55.23
042064-B06C	3/8" BSP Chrome	410kPa	79.23	52.82


**DT3 Drain Tap**

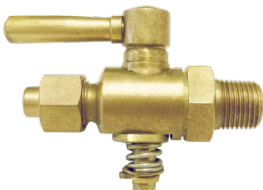
Order Code	Size	Maximum Pressure	RRP	List Price
042064-02	1/8" BSP	410kPa	29.16	19.44
042064-04	1/4" BSP	410kPa	29.16	19.44
042064-06	3/8" BSP	410kPa	50.33	33.55


**JT3 Hose Tap**

Order Code	Tube x BSP	Maximum Pressure	RRP	List Price
042603-0302	3/16" x 1/8"	410kPa	30.35	20.23
042603-0402	1/4" x 1/8"	410kPa	30.35	20.23
042603-0602	3/8" x 1/8"	410kPa	30.35	20.23


**CT3 Compression Tap**

Order Code	Tube x BSP	Maximum Pressure	RRP	List Price
042003-0402	1/4" x 1/8"	410kPa	31.92	21.28
042003-0404	1/4" x 1/4"	410kPa	31.92	21.28


**T3/T6 Solder On Tap**

Order Code	Tube x BSP	Maximum Pressure	RRP	List Price
042046-0404	1/4" x 1/4"	410kPa	31.92	21.28
042046-0806	1/2" x 3/8"	410kPa	98.16	65.44
042046-0808	1/2" x 1/2"	410kPa	98.16	65.44

## Clear Vinyl Tube (CVT) (Technical Information)

### Media / Application

- ✓ Low pressure food or beverage lines, general delivery or drainage lines and cable protection
- ✓ Foodstuff
- ✓ Air
- ✓ Fluids
- ✓ Petrol
- ✓ Oil

### Operating Temperature

-20°C to +60°C

### Colour

Clear (blue tint)

### Design Features

Non-toxic, does not taint liquids, clear for ease of inspection, light weight and flexible

### Australian Standard

2070 (food contact)

### Note

Recommended safety factor of 4:1 at 20°C



## Uniflex Air Line Hose (Reinforced PVC) (Technical Information)

### Media / Application

- ✓ Air tools, general pneumatic lines, non-drinking water lines
- ✓ Air
- ✓ Water

### Operating Temperature

-20°C to +60°C

### Colour

Blue

### Design Features

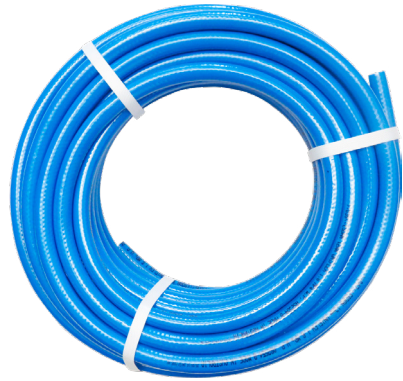
Remains flexible at very low temperatures, good weathering properties, high abrasion resistance, braided for added strength

### Australian Standard

2554 Class B

### Note

Recommended safety factor of 4:1 at 20°C



## Petrol Resistant/Food Contact Hose (Reinforced PVC) (Technical Information)

### Media/Application

- ✓ Fuel lines, general pneumatic lines, food and water lines
- ✓ Petrol (Suitable for fuel transfer only)
- ✓ Oil
- ✓ Foodstuff
- ✓ Air
- ✓ Petrol

### Operating Temperature

0°C to +60°C

### Colour

Clear (red and gold identification spiral)

### Design Features

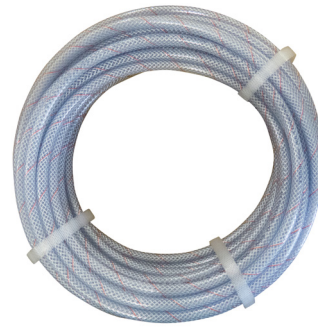
High abrasion resistance, good weathering properties, incredibly versatile, braided for added strength.

### Australian Standard

AS 2070 (food contact)

### Note

Recommended safety factor of 4:1 at 20°C.



## Blueline Flexible Nylon Tube – Imperial (Nylon 12) (Technical Information)

### Working Pressure

250psi

### Media / Application

- ✓ Fuel, pneumatic, hydraulic and drainage lines, and cable protection
- ✓ Air
- ✓ Petrol
- ✓ Oil
- ✓ Diesel
- ✓ Grease
- ✓ Brake Fluid
- ✓ Water (non-drinking)

### Operating Temperature

-20°C to +80°C

### Colour

Black and Natural on request include Red, Green Blue and Yellow

### Note

1. Recommended safety factor of 4:1 at 20°C. Recommended tube spigot for use with No. 100 universal sleeve 05100.
2. Manufactured using heat and light stabilised Nylon 12.



## Blueline Flexible Nylon Tube – Metric (Nylon 12) (Technical Information)

### Working Pressure

2000kPa

### Media / Application

- ✓ Fuel, pneumatic and hydraulic lines, and cable protection
- ✓ Air
- ✓ Petrol
- ✓ Oil
- ✓ Diesel
- ✓ Grease
- ✓ Brake Fluid
- ✓ Water (non-drinking)

### Operating Temperature

-20°C to +80°C

### Colour

- Black and Natural
- Others available on request Red, Green Blue and Yellow

### Note

1. Recommended safety factor of 4:1 at 25°C. Recommended tube spigot for use with No. 100 universal sleeve 32100.
2. Manufactured using heat and light stabilised Nylon 12.





## Yellowline Semi-Rigid Nylon Tube – Imperial (Nylon 12)(Technical Information)

### Working Pressure

625psi

### Media / Application

- ✓ Fuel lines, pneumatic and hydraulic lines
- ✓ Air
- ✓ Petrol
- ✓ Oil
- ✓ Diesel
- ✓ Grease
- ✓ Brake Fluid
- ✓ Water (non-drinking)

### Operating Temperature

-20°C to +80°C

### Colour

Black only

### Note

1. Recommended safety factor of 4:1 at 25°C. Recommended tube spigot for use with No. 100 universal sleeve 05100 – YL.
2. Manufactured using heat and light stabilised Nylon 12.



## Self Store Recoil Nylon Hose – Imperial (Nylon 12) (Technical Information)

### Working Pressure

1/4" & 3/8" 180psi

1/2" 150psi

### Operating Temperature

-20°C to +80°C

### Media / Application

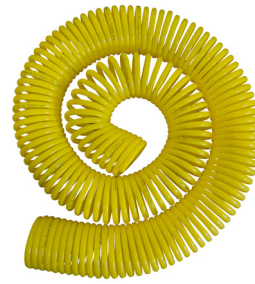
- ✓ Pneumatic hand tools, robotics, tyre pressure lines, and wash down areas
- ✓ Air
- ✓ Water (non-drinking)

### Colour

Yellow

### Note

Recommended safety factor of 4:1 at 25°C. Recoil hose and fittings should be ordered separately. Recommended fittings sold per hose end 06775.



## J844 Air Brake Nylon Tube – Imperial (Nylon 12) (Technical Information)

### Working Pressure

150psi

### Media/Application

- ✓ Air brake and auxiliary systems, fuel lines
- ✓ Air
- ✓ Petrol

### Operating Temperature

-40°C to +93°C

### Colour

Black, Red, Blue

### Standards

- SAE J844 Type A: Single Wall (1/8" to 5/16" O.D.)
- SAE J844 Type B: Twin Wall Reinforced  
Imperial (3/8" to 3/4" O.D.)  
Metric (10mm & 12mm O.D.)

### Note

1. Recommended safety factor of 4:1 at 20°C. Recommended tube spigot for use with No. 100 universal sleeve 34099 – BR.
2. Manufactured using heat and light stabilised Nylon 12.



## DIN 74324 Air Brake Nylon Tube – Metric (Nylon 12) (Technical Information)

### Working Pressure

1020kPa

### Media/Application

- ✓ Air and auxiliary systems, fuel lines.
- ✓ Air
- ✓ Petrol
- ✓ Water

### Operating Temperature

-40°C to +93°C

### Colour

Black, Red, Blue

### Standards

DIN 74324 – Single Wall

### Note

1. Recommended safety factor of 4:1 at 25°C.
2. Manufactured using heat and light stabilised Nylon 12.



## Low Density Polyethylene (Technical Information)

Our Low Density Polyethylene tube is suitable for transfer of air and liquids in industrial applications. Used in specialised testing applications, LDPE offers great flexibility and cost efficiency. It is often a suitable alternative to Nylon.

### Applications

Low-pressure pneumatics, chemical lines, water sampling, control tubes, spraying tubes, gas vent and extraction lines.

### Industries

- Agriculture
- Beverage
- Chemical
- Gas
- Geotechnical
- Mining
- Pneumatics
- Printing

### Operating Temperature

0°C to +60°C

### Working Pressure

120psi / 825kPa at 20°C

### Colour

Black

### Construction

Single Wall

### Note

1. Recommended safety factor of 3:1 at 25°C.
2. Working pressure reduces with elevated temperatures.



## Suzi Coil (J844 Nylon 12) (Technical Information)

### Working Pressure

150psi

### Media / Application

- ✓ Air transfer point between prime mover and trailer
- ✓ Air

### Operating Temperature

-20°C to +93°C

### Colour

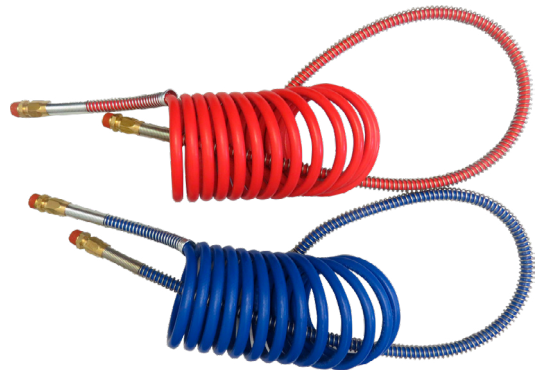
1 x Red coil and 1 x Blue coil

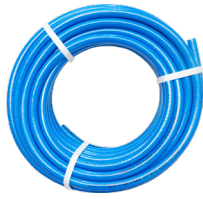
### Standards

SAE J844 Type B – Reinforced

### Note

1. Recommended safety factor of 4:1 at 25°C. Suzi Coils are supplied with fittings and springs.
2. Manufactured using heat and light stabilised Nylon.

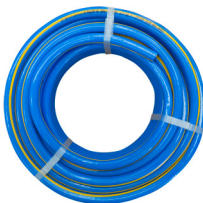



**Uniflex Airline Hose (Reinforced PVC)**

Order Code	NOM ID	NOM OD	Working Pressure	Burst Pressure	Coil Length	RRP Per Coil	List Per Coil
13904-04	1/4" (6mm)	12.4mm	1600kPa	6400kPa	20m	73.83	49.22
13904-06	3/8" (10mm)	16.4mm	1600kPa	6400kPa	20m	80.93	53.95
13904-08	1/2" (12mm)	18.9mm	1600kPa	6400kPa	20m	112.26	74.84
13904-100-04	1/4" (6mm)	12.4mm	1600kPa	6400kPa	100m	369.24	246.16
13904-100-06	3/8" (10mm)	16.4mm	1600kPa	6400kPa	100m	404.67	269.78
13904-100-08	1/2" (12mm)	18.9mm	1600kPa	6400kPa	100m	561.32	374.21
13904-300-06	3/8" (10mm)	16.4mm	1600kPa	6400kPa	300m	1,214.03	809.35


**Uniflex Airline Hose Assemblies**

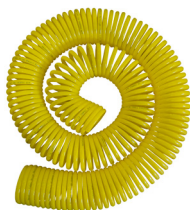
Order Code	NOM ID	Hose Length	Fitting style	Coupling	Adaptor	RRP Per Coil	List Per Coil
13904-20-06N	3/8" (10mm)	20m	Nitto	30SH	30PH	135.89	90.59
13904-20-06R	3/8" (10mm)	20m	Ryco	241S	206AS	109.68	73.12
13904-30-06N	3/8" (10mm)	30m	Nitto	30SH	30PH	167.91	111.94


**Uniflex Airline Hose (Reinforced PVC) – Yellow Stripe**

Order Code	NOM ID	NOM OD	Working Pressure	Burst Pressure	Coil Length	RRP Per Coil	List Per Coil
13904-06S	3/8" (10mm)	16.4mm	1600kPa	6400kPa	20m	83.54	55.69
13904-08S	1/2" (12mm)	18.9mm	1600kPa	6400kPa	20m	114.89	76.59


**Petrol Resistant/Food Contact Hose (Reinforced PVC)**

Order Code	NOM ID	NOM OD	Working Pressure	Burst Pressure	Coil Length	RRP Per Coil	List Per Coil
13350-04	1/4" (6mm)	11.0mm	1600kPa	6400kPa	20	71.60	47.73
13350-05	5/16" (8mm)	13.0mm	1600kPa	6400kPa	20	79.07	52.71
13350-06	3/8" (10mm)	17.0mm	1600kPa	6400kPa	20	96.98	64.65
13350-08	1/2" (12mm)	18.1mm	1600kPa	6400kPa	20	126.83	84.55
13350-10	5/8" (16mm)	22.0mm	1600kPa	6400kPa	20	155.54	103.69
13350-12	3/4" (19mm)	27.6mm	1600kPa	6400kPa	20	249.89	166.59
13350-16	1" (25mm)	33.5mm	1600kPa	6400kPa	20	340.16	226.77
13350-100-06	3/8" (10mm)	17.0mm	1600kPa	6400kPa	100	484.86	323.24
13350-100-08	1/2" (12mm)	18.1mm	1600kPa	6400kPa	100	634.05	422.70


**Self Store – Recoil Nylon Hose**

Order Code	Reel Length	NOM ID	Working Length	Working Pressure	Burst Pressure	RRP Per Coil	List Per Coil
16077-04	30m	1/4"	28m	180psi	720psi	139.86	93.24
16077-06	30m	3/8"	26m	180psi	720psi	212.04	141.36
16077-08	30m	1/2"	23m	150psi	600psi	392.75	261.83


**Self Store – Hose Fitting**

Order Code	Part No	Tube x BSP	RRP Price	List Price
06775-0404	SS4M4	1/4" x 1/4"	37.32	24.88
06775-0604	SS6M4	3/8" x 1/4"	45.39	30.26


**Self store Nylon Olives**

Order Code	Part No	Tube	RRP Price	List Price
06776-04	SS4	1/4"	3.90	2.60
06776-06	SS6	3/8"	4.04	2.69


**Clear Vinyl Tube (CVT)**

Order Code	NOM ID	NOM OD	Working Pressure	Coil Length	RRP Per Coil	List Per Coil
15333-03	3/16" (5mm)	8mm	700kPa	30m	41.96	27.97
15333-04	1/4" (6mm)	9mm	600kPa	30m	45.32	30.21
15333-05	5/16" (8mm)	11mm	500kPa	30m	50.36	33.57
15333-06	3/8" (10mm)	13mm	400kPa	30	59.31	39.54
15333-08	1/2" (12mm)	15mm	400kPa	30	78.33	52.22
15333-10	5/8" (16mm)	19mm	400kPa	30	106.29	70.86
15333-12	3/4" (19mm)	23mm	295kPa	30	156.65	104.43
15333-16	1" (25mm)	31mm	295kPa	30	278.60	185.73
15333-32	2" (50mm)	58mm	175kPa	30	783.81	522.54


**Spiral Polyurethane Coils – Unfitted**

Order Code	NOM OD	NOM ID	Working Pressure	Working Length	Tail Length	RRP	List
146-415R	4.0mm	2.0mm	900kPa	1.2m	50mm	7.86	5.24
146-430R	4.0mm	2.0mm	900kPa	2.8m	50mm	15.71	10.47
146-615	6.0mm	4.0mm	900kPa	1.2m	70mm	9.00	6.00
146-630	6.0mm	4.0mm	900kPa	2.8m	70mm	18.05	12.03
146-650	6.0mm	4.0mm	900kPa	4.0m	70mm	30.06	20.04
146-675	6.0mm	4.0mm	900kPa	6.0m	70mm	33.29	22.19
146-6100	6.0mm	4.0mm	900kPa	8.0m	70mm	42.12	28.08
146-835	8.0mm	5.0mm	900kPa	2.8m	80mm	30.68	20.45
146-850	8.0mm	5.0mm	900kPa	4.0m	80mm	43.35	28.90
146-875	8.0mm	5.0mm	900kPa	6.0m	80mm	65.01	43.34
146-8100	8.0mm	5.0mm	900kPa	8.0m	80mm	86.63	57.75
146-1050	10.0mm	6.5mm	900kPa	4.0m	90mm	59.45	39.63
146-1075	10.0mm	6.5mm	900kPa	6.0m	90mm	89.18	59.45
146-10100	10.0mm	6.5mm	900kPa	8.0m	90mm	120.33	80.22
146-1230	12.0mm	8.0mm	900kPa	2.8m	100mm	52.29	34.86
146-1250	12.0mm	8.00m	900kPa	4.0m	100mm	74.73	49.82
146-1275	12.0mm	8.0mm	900kPa	6.0m	100mm	112.10	74.73

To specify colour other than black add suffix to order code  
 (B = Blue, Y = Yellow, N = Natural, R = Red)  
 Please note: Not all colours available in all sizes.




**Polyurethane Tubing**

Order Code	NOM OD	NOM ID	Working Pressure	Burst Pressure	Coil Length	RRP Per Coil	List Per Coil
147-M10	10.0mm	6.5mm	900kPa	2500kPa	100m	954.81	636.54
147-M10B	10.0mm	6.5mm	900kPa	2500kPa	100m	954.81	636.54
147-04	1/4"	4.2mm	900kPa	2500kPa	100m	419.60	279.73
147-04B	1/4"	4.2mm	900kPa	2500kPa	100m	419.60	279.73

*B = Blue Tube*


**Braided Polyurethane Recoil Hose**

Order Code	NOM OD	NOM ID	Working Pressure	Coil Length	RRP Per Coil	List Per Coil
T06-1005TF	10mm	6.5mm	2000kPa	5m	52.44	34.96
T06-1008TF	10mm	6.5mm	2000kPa	8m	55.70	37.13
T06-1010TF	10mm	6.5mm	2000kPa	10m	63.98	42.65
T06-1205TF	12mm	8mm	2000kPa	5m	58.20	38.80
T06-1208TF	12mm	8mm	2000kPa	8m	67.23	44.82
T06-1210TF	12mm	8mm	2000kPa	10m	77.81	51.87


**Blueline Flexible Nylon Tube – Imperial**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure	RRP Per Coil	List Per Coil
14110-02	100m	1/8"	.087"	250psi	1000psi	130.53	87.02
14110-03	100m	3/16"	.125"	250psi	1000psi	193.95	129.30
14110-04	100m	1/4"	.169"	250psi	1000psi	253.62	169.08
14110-05	100m	5/16"	.214"	250psi	1000psi	382.31	254.87
14110-06	100m	3/8"	.258"	250psi	1000psi	531.48	354.32
14110-08	100m	1/2"	.347"	250psi	1000psi	908.18	605.45
14110-300-04	300	1/4"	.169"	250 Psi	1000psi	788.84	525.89
14110-500-04	500	1/4"	.169"	250 Psi	1000psi	1,296.08	864.05

*To specify colour other than black add suffix to order code  
(B = Blue, Y = Yellow, N = Natural, R = Red)*

*Please note: 14110-02 is not supplied on a reel*


**Blueline – Flexible Nylon Tube – Metric**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure	RRP Per Coil	List Per Coil
14110-M04	100	4mm	2.7mm	2000kPa	8000kPa	141.74	94.49
14110-M05	100	5mm	3.3mm	2000kPa	8000kPa	292.77	195.18
14110-M06	100	6mm	4.0mm	2000kPa	8000kPa	246.15	164.10
14110-M08	100	8mm	5.2mm	2000kPa	8000kPa	447.59	298.39
14110-M10	100	10mm	6.6mm	2000kPa	8000kPa	622.86	415.24
14110-M12	100	12mm	8.0mm	2000kPa	8000kPa	908.18	605.45
14110-300-M06	300	6mm	4.0mm	2000kPa	8000kPa	760.86	507.24
14110-300-M08	300	8mm	5.2mm	2000kPa	8000kPa	1,370.67	913.78

*To specify colour other than black add suffix to order code  
(B = Blue, Y = Yellow, N = Natural, R = Red)*

*Please note: 14110-M04 is not supplied on a reel*


**Yellowline – Semi-Rigid Nylon Tube – Imperial (Black and Natural Only)**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure	RRP Per Coil	List Per Coil
14125-02	100m	1/8"	.078"	625psi	2500psi	141.74	94.49
14125-03	100m	3/16"	.110"	625psi	2500psi	259.22	172.81
14125-04	100m	1/4"	.147"	625psi	2500psi	337.55	225.03
14125-05	100m	5/16"	.186"	625psi	2500psi	570.65	380.43
14125-06	100m	3/8"	.224"	625psi	2500psi	777.65	518.43
14125-08	100m	1/2"	.303"	625psi	2500psi	1,361.36	907.57


**J844 Air Brake Nylon Tube – Imperial**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	RRP Per Coil	List Per Coil
14337-02" (Black only)	100	1/8"	.80"	150psi	162.24	108.16
14337-04	100	1/4"	.170"	150psi	285.33	190.22
14337-05	100	5/16"	.236"	150psi	363.65	242.43
14337-06	100	3/8"	.251"	150psi	764.60	509.73
14337-08	100	1/2"	.376"	150psi	939.90	626.60
14337-10	100	5/8"	.441"	150psi	1,685.85	1,123.90
14337-12" (Black only)	100	3/4"	.566"	150psi	2,530.61	1,687.07
14337-50-04	50	1/4"	.170"	150psi	142.65	95.10
14337-50-05	50	5/16"	.236"	150psi	181.85	121.23
14337-50-06	50	3/8"	.251"	150psi	382.31	254.87
14337-50-08	50	1/2"	.376"	150psi	469.94	313.29
14337-50-10	50	5/8"	.441"	150psi	842.91	561.94
14337-150-06	150	3/8"	.251"	150psi	1,146.90	764.60
14337-150-08	150	1/2"	.376"	150psi	1,409.84	939.89
14337-250-02	250	1/8"	.80"	150psi	433.56	289.04
14337-250-04	250	1/4"	.170"	150psi	745.95	497.30

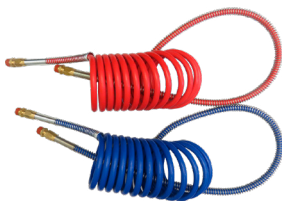

**J844 Air Brake Nylon Tube – Type B Metric**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	RRP Per Coil	List Per Coil
14337-M10	100m	10mm	7mm	2050kPa	841.05	560.70
14337-M12	100m	12mm	9mm	1700kPa	1,090.94	727.29

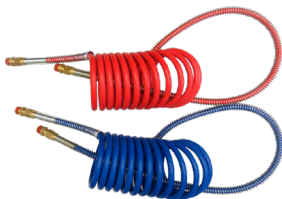

**DIN 74324 Air Brake Nylon Tube – Metric**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	RRP Per Coil	List Per Coil
14338-M06 (Black only)	100m	6mm	4.0mm	1020kPa	259.22	172.81
14338-M08	100m	8mm	6.0mm	1020kPa	421.46	280.97
14338-M10	100m	10mm	8.0mm	1020kPa	680.69	453.79
14338-M12	100m	12mm	9.0mm	1020kPa	908.18	605.45
14338-M15	100m	15mm	12mm	1020kPa	1,685.85	1,123.90
14338-M16	100m	16mm	12mm	1020kPa	2,064.39	1,376.26

6mm and 8mm tube meets both DIN74324 and J844 standards.


**Suzi Coil (J844 Nylon)**

Order Code	Tube Length	Tail Length	Working Length	Working Pressure	RRP Per Set	List Per Set
14210-08SET	6m	8" (Short)	3.0m	150psi	176.04	117.36
14210-08SETL	7m	39" (Long)	3.7m	150psi	187.74	125.16


**Suzi Coil (J844 Nylon) – Unfitted Single Red or Blue**

Order Code	Size	Tube Length	Tail Length	Working Length	Working Pressure	RRP	List Price
14210-B08	1/2"	5m	8" (Short)	3.0m	150psi	58.59	39.06
14210-R08	1/2"	5m	8" (Short)	3.0m	150psi	58.59	39.06


**Suzi Coil (J844 Nylon) – Unfitted Single Black**

Order Code	Size	Working Length	Working Pressure	RRP	List Price
14219	3/8"	20m	150psi	305.42	203.61
14220	1/2"	20m	150psi	311.88	207.92


**Low Density Polyethylene Tube – Imperial**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure	RRP Per Coil	List Per Coil
14340-04	100m	1/4"	0.164"	120psi	360psi	136.14	90.76
14340-05*	100m	5/16"	0.210"	120psi	360psi	207.00	138.00
14340-06	100m	3/8"	0.250"	120psi	360psi	331.95	221.30
14340-08	100m	1/2"	0.375"	120psi	360psi	499.80	333.20
14340-50-10*	50m	5/8"	0.500"	120psi	360psi	274.13	182.75

\*While stocks last


**Low Density Polyethylene Tube – Metric**

Order Code	Reel Length	NOM OD	NOM ID	Working Pressure	Burst Pressure	RRP Per Coil	List Per Coil
14340-M04	100m	4mm	2.5mm	840kPa	2520kPa	98.85	65.90
14340-M06	100m	6mm	4.0mm	840kPa	2520kPa	139.86	93.24
14340-M08	100m	8mm	6.0mm	840kPa	2520kPa	216.33	144.22
14340-M10	100m	10mm	7.5mm	840kPa	2520kPa	380.45	253.63
14340-M12	100m	12mm	8.6mm	840kPa	2520kPa	486.72	324.48


**Annealed Copper Tube**

Order Code	ISWG – mm	OD	Length	Working Pressure	Burst Pressure	RRP Per Coil	List Per Coil
17222-02	22 swg – 0.71mm	1/8"	30m	18700	93500	384.92	256.61
17220-04	20 swg – 0.91mm	1/4"	30m	12080	60400	716.10	477.40
17220-05	20 swg – 0.91mm	5/16"	30m	9380	46900	890.10	593.40
17220-06	20 swg – 0.91mm	3/8"	18m	7680	38400	631.07	420.71
17220-08	20 swg – 0.91mm	1/2"	18m	4170	20850	710.61	473.74

## Custom Extrusion (Technical Information)

**Minimum order quantities apply to all custom made products.**

### Bundle Tube

Any combination of tubing can be bundled & covered with PVC or high density polyethylene (HDPE).

Bundles can be covered in either a flat or round configuration.



### Capabilities and Services

Reliance Worldwide have state of the art extrusion capabilities located in Melbourne, Australia, with continuous inline measuring of diameter and wall thickness. This results in tube and rod of very tight tolerances.

Tubes and pipes can be manufactured in a range of diameters, wall thickness, material types, colours, custom printing, and tube bundle configurations.

We have various packaging options available to you. Tube and rod products can be packaged as coils, onto cardboard or timber reels. Continuous lengths of over 15,000m are possible depending on the tube or rod size.

#### **We have the following capabilities and services:**

- Tube and rod size range from 3.0mm to 13mm
- Maintain extremely tight dimensional tolerances
- Tube bundles in a wide range of configurations (up to 10 core)
- Cable bundles in a wide range of configurations
- Jacket material options for bundle products (PVC and HDPE only)
- Custom colours
- Custom printing
- Continuous long lengths on reels
- Lead time is dependent on workload and products

#### **Reliance Worldwide has extensive experience extruding most polymers including, but not limited to the following materials:**

- Low density polyethylene (LDPE)
- Medium density polyethylene (MDPE)
- High density polyethylene (HDPE)
- Semi rigid nylon
- PVC
- Colour matching available

Talk to us about your custom extrusion requirements and we will tailor a solution for you. Proudly Australian made.


**Hose Clamps Zinc Plated Mild Steel**

Order Code	Size	mm	Size Inches	Inner Pack Qty	Outer Pack Qty	RRP	List Price
295-012	OOO	9.5 – 12	3/8" – 1/2"	10	100	1.83	1.22
295-016	MOO	11 – 16	1/2" – 5/8"	10	100	1.83	1.22
295-020	OO	13 – 20	1/2" – 3/4"	10	100	1.88	1.25
295-022	O	16 – 22	5/8" – 7/8"	10	100	2.22	1.48
295-025	OX	18 – 25	3/4" – 1"	10	100	2.22	1.48
295-030	1A	22 – 30	7/8" – 1 1/8"	10	100	2.36	1.57
295-035	1	25 – 35	1" – 1 3/8"	10	100	2.51	1.67
295-040	1X	30 – 40	1 1/8" – 1 5/8"	10	100	2.57	1.71
295-050	2A	35 – 50	1 1/4" – 1 7/8"	10	100	2.82	1.88
295-055	2	40 – 55	1 1/2" – 2 1/8"	10	100	2.91	1.94
295-060	2X	45 – 60	1 3/4" – 2 3/8"	10	100	3.05	2.03
295-070	3	55 – 70	2" – 2 3/4"	10	50	3.17	2.11
295-080	3X	60 – 80	2 3/8" – 3 1/8"	Loose in outers	150	3.59	2.39
295-090	4	70 – 90	2 3/4" – 3 1/2"	Loose in outers	125	3.75	2.50
295-100	4X	85 – 100	3 1/4" – 4"	Loose in outers	100	4.08	2.72
295-120	5	90 – 120	3 3/4" – 4 1/2"	Loose in outers	100	4.56	3.04
295-140	6	110 – 140	4 1/4" – 5 1/2"	Loose in outers	75	4.97	3.31
295-165	7	135 – 165	5" – 5 3/4"	Loose in outers	50	5.36	3.57
295-190	7 1/2"	158 – 190	5 1/4" – 6 1/2"	Loose in outers	50	6.47	4.31


**Hose Clamps 304 Stainless Steel**

Order Code	Size	mm	Size Inches	Inner Pack Qty	Outer Pack Qty	RRP	List Price
296-012	OOO	9.5 – 12	3/8" – 1/2"	10	100	6.12	4.08
296-016	MOO	11 – 16	1/2" – 5/8"	10	100	6.18	4.12
296-020	OO	13 – 20	1/2" – 3/4"	10	100	6.18	4.12
296-022	O	16 – 22	5/8" – 7/8"	10	100	7.53	5.02
296-025	OX	18 – 25	3/4" – 1"	10	100	7.70	5.13
296-030	1A	22 – 30	7/8" – 1 1/8"	10	100	8.33	5.55
296-035	1	25 – 35	1" – 1 3/8"	10	100	8.54	5.69
296-040	1X	30 – 40	1 1/8" – 1 5/8"	10	100	8.75	5.83
296-050	2A	35 – 50	1 1/4" – 1 7/8"	10	100	9.83	6.55
296-055	2	40 – 55	1 1/2" – 2 1/8"	10	100	10.26	6.84
296-060	2X	45 – 60	1 3/4" – 2 3/8"	10	100	10.76	7.17
296-070	3	55 – 70	2" – 2 3/4"	10	50	11.45	7.63
296-080	3X	60 – 80	2 3/8" – 3 1/8"	Loose in outers	150	12.24	8.16
296-090	4	70 – 90	2 3/4" – 3 1/2"	Loose in outers	125	12.74	8.49
296-100	4X	85 – 100	3 1/4" – 4"	Loose in outers	100	13.29	8.86
296-120	5	90 – 120	3 3/4" – 4 1/2"	Loose in outers	100	14.66	9.77
296-140	6	110 – 140	4 1/4" – 5 1/2"	Loose in outers	75	16.02	10.68
296-165	7	135 – 165	5" – 5 3/4"	Loose in outers	50	17.63	11.75


**Jubilee Multiband**

Order Code	Material	Band Width	Band Length	Housing Screws	RRP	List Price
297-300	Zinc Plated Mild Steel	11mm	10m	25	54.63	36.42
297-300SS	304 Stainless Steel	11mm	10m	25	117.26	78.17



### Merchandise Range

Order Code	Description	Inner pack Qty	RRP	List Price
297-001	Jubilee Flexidriver	-	38.19	25.46
297-10	Handy Pack – Mild Steel Clamps	100 clips	199.11	132.74
297-100SS	Clip Dispenser – Stainless Steel Clamps	100 clips plus stand	796.37	530.91



TSNIP



JG-TS

### Tube Cutters

Order Code	Tube Material	Size mm	Description	RRP	List Price
TSNIP	Synthetic	3 – 19	Compact, spring loaded shear	20.45	13.63
JG-TS	Synthetic	Up to 22mm	Pipe cutter	121.65	81.10
BLADES	-	3 – 19	Replacement blade for TSNIP	10.74	7.16



### Flaring Tools

Order Code	Tube Material	Description	RRP	List Price
24301	Copper	60° Flaring tool drive wedge type	379.95	253.30
24302	-	Spring suit 24301	14.03	9.35
24303	-	1/2" Pin suit 24301	47.57	31.71
24304	-	3/4" Pin suit 24301	47.57	31.71



### O-Clip Pincers

Order Code	Description	RRP	List Price
111099	Side closing pincers	191.31	127.54



### O-Clips Zinc Plated Mild Steel

Order Code	Size mm	Band width	Max Pressure	RRP	List Price
1105-03	3 – 5	5.0mm	3000	0.84	0.56
1107-04	5 – 7	6.0mm	3000	0.98	0.65
1109-05	7 – 9	7.0mm	3000	1.02	0.68
1111-07	9 – 11	7.0mm	3000	1.16	0.77
1113-08	11 – 13	7.0mm	3000	1.08	0.72
1115-09	13 – 15	7.5mm	3000	1.20	0.80
1118-10	15 – 18	8.0mm	3000	1.43	0.95
1120-12	17 – 20	8.5mm	3000	1.64	1.09
1123-14	20 – 23	9.0mm	3000	2.39	1.59
1125-15	22 – 25	10.0mm	3000	2.39	1.59
1127-16	23 – 27	10.0mm	3000	2.39	1.59
1128-17	25 – 28	10.0mm	3000	3.59	2.39
1130-17	28 – 31	10.0mm	3000	4.19	2.79
1134-21	31 – 34	10.0mm	3000	4.56	3.04
1137-23	34 – 37	10.0mm	3000	4.92	3.28
1140-25	37 – 40	10.0mm	3000	5.16	3.44



### O-Clips 304 Stainless Steel

Order Code	Size mm	Band width	Max Pressure	RRP	List Price
1107-04SS	5 – 7	6.0mm	3000	2.94	1.96
1109-05SS	7 – 9	7.0mm	3000	3.02	2.01
1111-07SS	9 – 11	7.0mm	3000	2.82	1.88
1113-08SS	11 – 13	7.0mm	3000	3.23	2.15
1115-09SS	13 – 15	7.5mm	3000	3.29	2.19
1118-10SS	15 – 18	8.0mm	3000	4.73	3.15
1120-12SS	17 – 20	8.5mm	3000	5.31	3.54
1123-14SS	20 – 23	9.0mm	3000	7.31	4.87
1125-15SS	22 – 25	10.0mm	3000	7.86	5.24
1127-16SS	23 – 27	10.0mm	3000	8.81	5.87
1128-17SS	25 – 28	10.0mm	3000	9.00	6.00
1130-17SS	28 – 31	10.0mm	3000	10.94	7.29
1134-21SS	31 – 34	10.0mm	3000	11.55	7.70
1137-23SS	34 – 37	10.0mm	3000	12.00	8.00
1140-25SS	37 – 40	10.0mm	3000	12.74	8.49



### Double Sided Saddle

Order Code	Size	Band Width	Band Thickness	RRP	List Price
11-CS04	1/4"	12.7	0.71	0.57	0.38
11-CS05	5/16"	12.7	0.71	0.69	0.46
11-CS06	3/8"	12.7	0.71	0.75	0.50
11-CS08	1/2"	12.7	0.71	0.71	0.47
11-CS10	5/8"	12.7	0.71	0.84	0.56
11-CS12	3/4"	12.7	0.71	0.92	0.61
11-CS16	1"	12.7	0.71	1.98	1.32



### Hose Reels

Order Code	Description	Hose ID	Hose Length	Inlet Female	Outlet Male	Case Colour	RRP	List Price
10-SEAIR10	Air	10mm	16mtrs	3/8" BSP	3/8" BSP	Blue	504.15	336.10
10-SECW12	Cold Water	12mm	18mtrs	1/2" BSP	Nil	Green	555.11	370.07
10-SEHW10	Hot Water	10mm	16mtrs	3/8" BSP	Nil	Blue	670.35	446.90
10-SIAIR10	Air	10mm	20mtrs	3/8" BSP	3/8" BSP	Blue	854.76	569.84
10-SIAIR12	Air	12mm	15mtrs	3/8" BSP	3/8" BSP	Blue	748.89	499.26
10-SIOIL12	Oil – Low Pressure	12mm	10mtrs	1/2" BSP	3/8" BSP	Blue	1,553.93	1,035.95



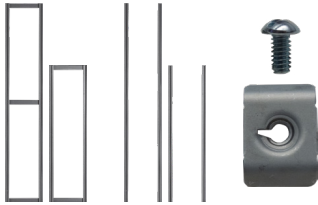


## Clear Tip Out Bin System

Order Code	Description	Dimensions	Number of Bins	RRP	List Price
21-MS403	No 3 Cabinet & Bins	600mm (W) x 240mm (H) x 158mm (D)	3	170.97	113.98
21-MS206	No 6 Cabinet & Bins	600mm (W) x 113mm (H) x 74mm (D)	6	63.62	42.41
21-MS109	No 9 Cabinet & Bins	600mm (W) x 77mm (H) x 62mm (D)	9	61.98	41.32

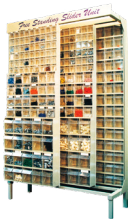
Beige ABS Plastic Cabinet. Transparent hinged tubs.

- Bins stack or hang
- Clear easy view compartments
- Dust free storage



## Tip Out Bin Accessories

Order Code	Description	Dimensions	RRP	List Price
21-MS600	Bin Frame	600 (H)	64.16	42.77
21-MS601	Bin Frame	1200 (H)	95.70	63.80
21-MS602	Bin Rail	600 (H)	59.10	39.40
21-MS603	Bin Rail	1200 (H)	83.87	55.91
21-MS2	Bolts and Nuts	N/A	3.95	2.63



## Free Standing Slider System

Order Code	Description	Dimensions	RRP	List Price
21-QS000	Four individual panels	450mm (D) x 1200mm (W) x 1995mm (H)	3,771.36	2,514.24

This system features four individual panels that can be filled with tip out bins. Two are fixed to the back side of the system, and two slide in front easily, from left to right. Allowing access to all four panels. Bins not included.



068-91000

## Miscellaneous Packaged Products

Order Code	Description	RRP	List Price
068-91000	Tyre Inflator 160psi / 1100kPa	194.39	129.59
068-9130	Tyre Inflator Dual Hold-On Chuck 0-1100kPa Dial Gauge Deflate Control	125.42	83.61
07-FR802	Filter / Regulator Combination 1/4" BSP	148.34	98.89
061-7815	1/2" Brass Hose Connection	12.15	8.10
061-7813	1 x 3/4" Brass Tap Fitting	14.79	9.86
061-4060	Trigger Type Brass Water Set 1/2" Hose	73.67	49.11
061-8434	Brass Hose Set 3/4" Hose	61.55	41.03



068-9130



07-FR802



061-7815



061-4060

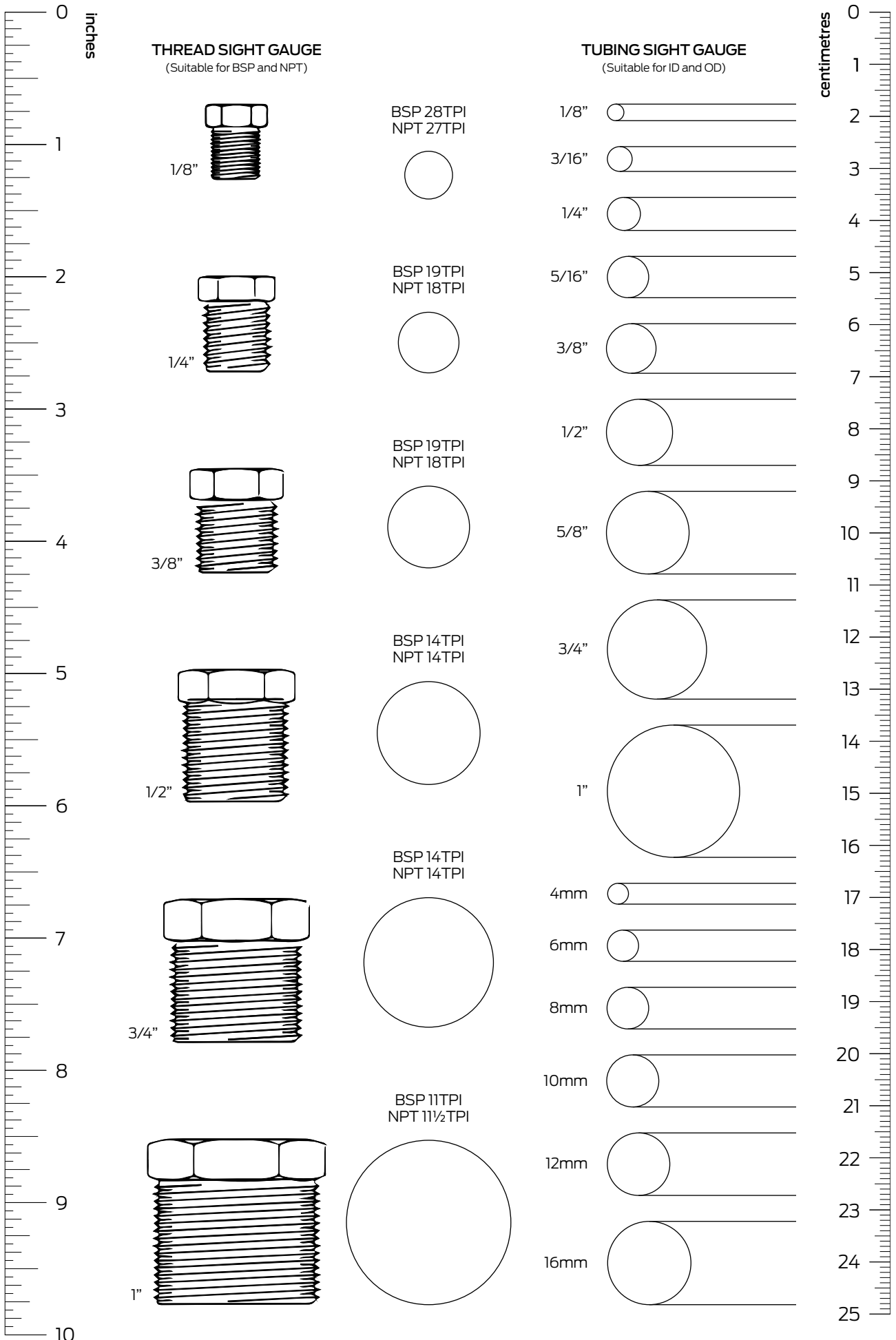


061-8434



061-7813





## Threads At A Glance

The following tables have been prepared to show information relating to the thread form of both ends of a tube connection fitting - tube end and pipe end.

**Table 1. Pipe Threads**

Nom. Size	British Pipe Thread BSP (G Series)					American Pipe Thread NPS - National Pipe Straight NPT - National Pipe Taper				
	Threads		BSP	BSP		Threads		NPS	NPT	
	T.P.I.	Angle	O.D. (mm)	Min. Dia. (mm)	Max. Dia. (mm)	T.P.I.	Angle	O.D. (mm)	Min. Dia. (mm)	Max. Dia. (mm)
1/8"	28	55	9.62	9.51	9.73	27	60	10.29	10.27	10.29
1/4"	19	55	13.03	12.91	13.16	18	60	13.77	13.69	13.77
3/8"	19	55	16.54	16.41	16.66	18	60	17.15	17.07	17.15
1/2"	14	55	20.82	20.67	20.96	14	60	21.34	21.26	21.34
3/4"	14	55	26.30	26.16	26.44	14	60	26.67	26.59	26.67
1"	11	55	33.07	32.89	33.25	11.5	60	33.40	33.31	33.40
1 1/4"	11	55	41.73	41.55	41.91	11.5	60	42.16	42.07	42.16
1 1/2"	11	55	47.62	47.44	47.80	11.5	60	48.26	48.17	48.26
2"	11	55	59.44	59.25	59.62	11.5	60	60.33	60.24	60.33

## Pipe Threads

A 'Pipe Thread' is a 'universal' thread that enables port connection via a common thread form. With the addition of a tube connection fitting, pipe threads can be used to connect tube to the port of a piece of equipment or allow adaptation, both sizing and/or configuration, to satisfy a given situation. However, depending upon the place of manufacture or the industry in which you are working, different 'universal' pipe threads may be specified.

In Australia, most specifications will demand either BSP (British Standard Pipe - Taper or Parallel) or NPT/NPS (American Pipe (Taper/Straight)). The fundamental difference with these two 'universal' threads is the pitch or threads per inch (T.P.I.) and the thread angle.

Pipe thread sizes are determined by the 'nominal bore' of pipe and, as such, can be very confusing when ordered. Confusion is often encountered because the wall thickness of the pipe is not included in the calculation for BSPT, BSPP, NPT or NPS thread specifications. The easiest way to determine the size you require is to use the 'Tube and Thread Profile' drawings on page 3.

## Sealing Threads of Whitworth Form (R Series)

Commonly termed BSPT, gas thread, sealing thread, dry seal thread or engineering thread, R Series threads require mating threads, including a combination of parallel and tapered sealing ends, to effect a seal without the aid of any form of thread sealant or gasket. Generally longer and more bulky than the G Series equivalents, they have a limited working life if continually disassembled and re-made.

## AS1722.2 Fastening Threads of Whitworth Form (G Series)

Commonly termed BSP, MI, FI or plumbing thread, the thread will require a sealing aid to effect a positive seal. The sealing agent may take the form of a gasket, O-Ring, thread tape, hemp or thread paste. Threads manufactured to AS1722.2 are used extensively in the Plumbing Industry. If used in the correct manner, they can be disassembled and re-made many times over.

## Threads At a Glance

**Table 2. Tube Threads**

A 'tube thread' is a generic term used for identifying the thread form, of the tube end, of a tube connection fitting and not a specific thread.

Tube O.D	Standard Compression	Internal Compression	SAE 45° Flare	SAE 45° Inverted Flare
1/8"	5/16" x 24UNF	9/32" x 26BRASS	5/16" x 24UNF	5/16" x 28UNS
3/16"	3/8" x 24UNF	3/8" x 24UNF	3/8" x 24UNF	3/8" x 24UNF
1/4"	7/16" x 24UNS	7/16" x 24UNS	7/16" x 20UNF	7/16" x 24UNS
5/16"	1/2" x 24UNS	1/2" x 24UNS	1/2" x 20UNF	1/2" x 20UNF
3/8"	9/16" x 24UNEF	9/16" x 24UNEF	5/8" x 18UNF	5/8" x 18UNF
1/2"	11/16" x 20UN	3/4" x 24UNS	3/4" x 16UNF	3/4" x 18UNS
5/8"	n/a	7/8" x 20UNEF	7/8" x 14UNF	n/a
3/4"	n/a	1.025 x 18UNS	11/16" x 14UNF	n/a
4mm	5/16" x 24UNF	n/a	n/a	n/a
6mm	7/16" x 24UNS	n/a	n/a	n/a
8mm	1/2" x 24UNS	n/a	n/a	n/a
10mm	9/16" x 24UNEF	n/a	n/a	n/a
12mm	11/16" x 20UN	n/a	n/a	n/a

## Thread Abbreviations and Definitions

The thread types listed below are representative of some of the common threads and terms used in general industry.

Thread Abbreviation	Definition
ANP	American National Pipe
ANPT	American National Pipe Taper
Brass Thread	Fine thread common to brass machining and always 26TPI regardless of major diameter (Whitworth form)
BSP	British Standard Pipe
BSPP	British Standard Pipe Parallel
BSPT	British Standard Pipe Tapered
Dry Seal	A generic term referring to a thread that seals without the aid of a thread sealant or washer
Engineering Thread	A term referring to a thread capable of sealing without the aid of a thread sealant or washer
F.I.	Female Iron (BSP Female - common in the Plumbing Industry)
GAS	A term referring to BSPT or NPT thread (common in Automotive and Plumbing Industry)
J.I.C.	Joint Industries Conference or J.I. Case
M.I.	Male Iron (BSP Male - common in the Plumbing Industry)
NPS	National Pipe Straight (American pipe thread)
NPT	National Pipe Taper (American pipe thread)
NPTF	National Pipe Taper Fuel (Internal, straight, American pipe thread)
TPI	Threads per inch
Pipe Thread	A term referring to BSPT/BSPP or NPT/NPS thread
Plumbing Thread	A term referring to a BSP fastening thread
P.T.	Sealing, tapered, pipe thread of Whitworth form
SAE	Society of Automotive Engineers
Sealing Thread	A term referring to a thread capable of sealing without the aid of a thread sealant or washer
Tube Thread	Thread used on the tube end of a tube connection fitting
UN	Unified National (not standard UNF)
UNEF	Unified National Extra Fine
UNF	Unified National Fine (formally SAE)
UNS	Unified National Special (not standard UNF)

## Maximum Working Pressure Tables for Tube Connection Fittings (kPa)

All working pressures are calculated at an ambient temperature using a safety factor of 4:1. Generally, working pressure is dependent upon the type of tubing used and not the fitting. Consequently the tables shown below should be used as a guide only.

### Hydraulic Applications Only

Tube O.D	Standard Compression	Internal Compression	SAE 45° Flare	SAE 45° Inverted Flare	Fleetfit Air Brake	Pneufit
1/8"	3500	3500	17250	17250	n/r	n/r
3/16"	3500	3500	17250	17250	n/r	n/r
1/4"	2750	2750	13750	13750	n/r	n/r
5/16"	2750	2750	13750	13750	n/r	n/r
3/8"	2000	2000	10400	10400	n/r	n/r
1/2"	2000	2000	7000	7000	n/r	n/r
5/8"	n/a	1400	7000	n/a	n/r	n/r
3/4"	n/a	1400	7000	n/a	n/r	n/r
4mm	3500	n/a	n/a	n/a	n/r	n/r
6mm	2750	n/a	n/a	n/a	n/r	n/r
8mm	2750	n/a	n/a	n/a	n/r	n/r
10mm	2000	n/a	n/a	n/a	n/r	n/r
12mm	2000	n/a	n/a	n/a	n/r	n/r

n/a = Not Available

n/r = Not Recommended for Hydraulic Applications

### Pneumatic Applications

Tube O.D	Standard Compression	Internal Compression	SAE 45° Flare	SAE 45° Inverted Flare	Fleetfit Air Brake	Pneufit Brass
1/8"	2000	2000	4800	4800	1050	1800
3/16"	1750	1750	4800	4800	1050	1800
1/4"	1400	1400	4800	4800	1050	1800
5/16"	1400	1400	4800	4800	1050	1800
3/8"	1050	1050	2750	2750	1050	1800
1/2"	1050	1050	1750	1750	1050	1800
5/8"	n/a	700	1750	n/a	1050	n/a
3/4"	n/a	700	1750	n/a	1050	n/a
4mm	2000	n/a	n/a	n/a	1050	1800
6mm	1400	n/a	n/a	n/a	1050	1800
8mm	1400	n/a	n/a	n/a	1050	1800
10mm	1050	n/a	n/a	n/a	1050	1800
12mm	1050	n/a	n/a	n/a	1050	1800

n/a = Not Available

### Pipe End Pressure Ratings - Maximum Working Pressure (kPa)

Pipe Size	Brass Alloy	
	Hydraulic	Pneumatic
1/8"	13750	3500
1/4"	13750	3500
3/8"	13750	2750
1/2"	10400	2750
3/4"	7000	2000
1"	4000	1250

## Copper Annealed Seamless ASTM B-75 or Equivalent

Calculated, maximum working pressure (kPa) for temperatures between 6.7° and 37.8°C. Burst pressure of copper tube is 5 times that of the working pressure.

### Tube Wall Thickness

Tubing O.D.	0.71mm ISWG 22	0.91mm ISWG 20	1.22mm ISWG 18	1.63mm ISWG 16	2.03mm ISWG 14
1/8"	18700	23700	-	-	-
3/16"	11920	15300	22150	-	-
1/4"	8780	12080	16200	22000	-
5/16"	6870	9380	12600	17300	-
3/8"	5650	7680	10200	14000	18500
1/2"	4170	5630	7450	10100	13450
5/8"	-	4440	6090	7980	10400
3/4"	-	3670	4850	6540	8540
1"	-	2720	3700	5070	6260

## Tube Connection Fittings

### Alloy Group Definitions

- Copper
- 385 Brass Alloy
- 352 DR Brass Alloy

### Corrosion Rating Charts

The accompanying charts give relative corrosion resistance ratings for copper and the commonly used copper alloys. These ratings are based on consideration of laboratory test data, service experience and a general knowledge of corrosion resistant properties; however, it must be fully recognised that the ratings are relative only and definite unqualified recommendations of corrosion resistance cannot be made.

When interpreting the data, it should be remembered that corrosion resistance or rate of corrosion is greatly affected by conditions of exposure such as presence of oxidising agents, velocity of solution, aeration, temperature and similar factors.

In general, the information in the tables refers to non-oxidising conditions, low velocities (below 1.2 metres per second) and ambient temperatures.

Corrosion Rating	Definition
E. (Excellent)	The metal should be suitable under most conditions of use.
G. (Good)	The metal offers good corrosion resistance. It may be considered in place of a metal with an "E" rating when some property other than corrosion resistance governs its use.
F. (Fair)	The metal offers fair corrosion resistance.
N. (Not to be used)	The metal is not suitable.

Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Acetic Acid	G	N	F
Acetic Anhydride	G	N	F
Acetone	E	E	E
Acetylene	N	E	N
Alcohols	E	E	E
Alum	G	N	G
Alumina	G	E	E
Aluminium Chloride	E	N	F
Aluminium Hydroxide	G	E	E
Aluminium Sulfate	E	N	G
Ammonia, Absolutely dry	N	E	E
Ammonia, moist	N	N	N
Ammonium Hydroxide	N	N	N
Ammonium Chloride	N	N	N
Ammonium Nitrate	F	N	N
Ammonium Sulfate	E	N	N
Amyl Acetate	E	G	E
Amyl Alcohol	F	E	E
Aniline	F	F	F
Aniline Dyes	E	F	F
Asphalt	E	E	E
Atmosphere, Industrial	E	G	E
Atmosphere, Marine	E	G	E
Atmosphere, Rural	E	E	E
Barium Carbonate	G	E	E
Barium Chloride	E	N	F
Barium Hydroxide	E	G	E
Barium Sulfate	F	E	E
Barium Sulfide	E	G	G
Beer	E	G	E
Beet Sugar Syrups	E	G	E
Benzene	E	E	E
Benzoic Acid	E	G	E
Benzol	E	E	E
Black Liquor, Sulfate Processed	F	N	N
Bleaching Powder, Wet	G	N	G
Borax	E	E	E
Bordeaux Mixture	E	G	E
Boric Acid	E	G	E
Brines	G	N	G
Bromine, Dry	E	E	E
Bromine, Moist	G	N	F
Butane	E	E	E
Butyl Alcohol	E	E	E
Butyric Acid	G	F	G
Calcium Bisulfite	G	N	G
Calcium Chloride	G	N	G

Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Calcium Hydroxide	E	G	E
Calcium Hypochlorite	G	N	G
Cane Sugar Syrups	E	G	E
Carbolic Acid	G	G	G
Calcium Dioxide, Dry	E	E	E
Carbon Dioxide, Moist	G	F	G
Carbonated Water	G	F	G
Carbonated Beverages	G	F	G
Carbon Disulfide	G	E	E
Carbon Tetrachloride, Dry	E	E	E
Carbon Tetrachloride, Moist	G	N	G
Castor Oil	E	E	E
Chlorine, Dry	E	E	E
Chlorine, Moist	F	N	F
Chloroacetic Acid	G	N	F
Chloroform, Dry	E	E	E
Chromic Acid	N	N	N
Cider	E	F	E
Citric Acid	E	F	E
Coffee	E	E	E
Copper Chloride	F	N	F
Copper Nitrate	F	N	F
Copper Sulfate	G	N	G
Corn Oil	E	G	E
Cottonseed Oil	E	G	E
Creosote	E	G	E
Crude Oil	G	F	G
Ethers	E	E	E
Ethyl Acetate	E	G	E
Ethyl Alcohol	E	E	E
Ethyl Chloride	G	F	G
Ethylene Glycol	E	G	E
Ferric Chloride	N	N	N
Ferric Sulfate	N	N	N
Ferrous Chloride	G	N	G
Ferrous Sulfate	G	N	G
Formaldehyde	E	G	E
Formic Acid	G	N	F
Freon	E	E	E
Fruit Juices	G	N	F
Fuel Oil	E	F	E
Furfural	E	G	E
Gasoline	E	E	E
Gelatine	E	E	E
Glucose	E	E	E
Glue	E	G	E



Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Glycerine	E	E	E
Hydrobromic Acid	F	N	F
Hydrocarbons, Pure	E	E	E
Hydrochloric Acid	F	N	F
Hydrocyanic Acid	N	N	N
Hydrofluoric Acid	F	N	N
Hydrofluosilicic Acid	G	N	G
Hydrogen	E	E	E
Hydrogen Peroxide	G	F	G
Hydrogen Sulfide, Dry	E	E	E
Hydrogen Sulfide, Moist	N	F	G
Kerosene	E	E	E
Lacquers	E	E	E
Lacquer Solvents	E	E	E
Lactic Acid	G	N	F
Lime	E	E	E
Lime-Sulfur	F	G	G
Linseed Oil	G	G	G
Magnesium Chloride	G	N	F
Magnesium Hydroxide	E	E	E
Magnesium Sulfate	E	F	E
Mercury	N	N	N
Mercury Salts	N	N	N
Methyl Alcohol	E	E	E
Methyl Chloride, Dry	E	E	E
Milk	E	G	E
Mine Water	F	N	F
Natural Gas	G	E	E
Nitric Acid	N	N	N
Nitrogen	E	E	E
Oleic Acid	G	F	G
Oxalic Acid	G	N	F
Oxygen	E	E	E
Palmitic Acid	G	F	G
Paraffin	E	E	E
Phosphoric Acid	G	N	F
Potassium Carbonate	E	G	E
Potassium Chloride	G	N	G
Potassium Chromate	E	E	E
Potassium Cyanide	N	N	N
Potassium Dichromate Acid	N	N	N
Potassium Hydroxide	G	F	G
Potassium Sulfate	E	G	E
Propane	E	E	E
Rosin	E	E	E
Sea Water	G	F	E
Sewage	E	F	E

Corrosion Media	Copper	385 Brass Alloy	352 DR Brass Alloy
Silver Salts	N	N	N
Soap Solutions	E	G	E
Sodium Bicarbonate	G	F	G
Sodium Bisulfate	G	N	G
Sodium Carbonate	E	G	E
Sodium Chloride	G	N	G
Sodium Chromate	E	E	E
Sodium Cyanide	N	N	N
Sodium Dichromate, Acid	N	N	N
Sodium Hydroxide	G	F	G
Sodium Hypochlorite	F	N	F
Sodium Nitrate	G	F	G
Sodium Peroxide	F	N	F
Sodium Phosphate	E	G	E
Sodium Sillicate	E	G	E
Sodium Sulfate	E	G	E
Sodium Sulfide	F	G	G
Sodium Sulfite	G	N	G
Sodium Thiosulfate	F	G	G
Steam	E	F	E
Stearic Acid	G	F	G
Sugar Solutions	E	G	E
Sulfur, Dry	G	E	E
Sulfur, Molten	N	N	N
Sulfur Chloride, Dry	E	E	E
Sulfur Dioxide, Dry	E	E	E
Sulfur Dioxide, Moist	G	N	G
Sulfur Trioxide, Dry	E	E	E
Sulfuric Acid	G	N	F
Sulfurous Acid	G	N	G
Tannic Acid	E	G	E
Tar	E	G	E
Tartaric Acid	E	F	E
Toluene	E	E	E
Trichloroacetic Acid	G	N	F
Trichlorethylene, Dry	E	E	E
Trichlorethylene, Moist	G	F	G
Turpentine	E	G	E
Varnish	E	E	E
Vinegar	G	N	F
Water, Potable	E	N	E
Zinc Chloride	F	N	F
Zinc Sulfate	G	N	G

## Standard Conversions

### Pressure

psi	kPa	kPa	psi
1	6.9	1	0.15
2	13.8	2	0.29
3	20.7	3	0.44
4	27.6	4	0.58
5	34.5	5	0.73
6	41.4	6	0.87
7	48.3	7	1.02
8	55.2	8	1.16
9	62.1	9	1.31
10	69.0	10	1.45
50	345	50	7
100	690	100	15
250	1724	250	36
500	3448	500	73
1000	6895	1000	145
5000	34475	5000	725
10000	68950	10000	1450
20000	137900	20000	2901
50000	344750	50000	7252
75000	517125	75000	10877
100000	689500	100000	14503

### Pressure

	lbs/in <sup>2</sup>	kg/cm <sup>2</sup>	kPa	Bar
lbs/in <sup>2</sup>	1	0.07031	6.895	0.0689
kg/cm <sup>2</sup>	14.22	1	98.05	0.981
kPa	0.1451	0.0102	1	0.01
Bar	14.51	1.02	100	1

### Length / Distance

Metric	Imperial	Imperial	Metric
1mm	0.0393 inch	1/8" inch	3.17mm
1cm	0.3937 inch	1" inch	25.40mm
10cm	0.3281 foot	1' foot	30.48cm
1m	1.0936 yard	1 yard	0.914m
1km	0.6214 mile	1 mile	1.61km

### Temperature

Fahrenheit	Celsius
0	-17.8
5	-15.0
10	-12.2
32	0.0
50	10.0
75	23.9
100	37.8
150	65.6
200	93.3
212	100.0

### Imperial to Metric

Inches	Inches	mm	Inches	Inches	mm
Fraction	Decimal		Fraction	Decimal	
1/64"	0.016	0.397	33/64"	0.516	13.097
1/32"	0.031	0.794	17/32"	0.531	13.494
3/64"	0.047	1.191	35/64"	0.547	13.891
1/16"	0.063	1.588	9/16"	0.563	14.288
5/64"	0.078	1.984	37/64"	0.578	14.684
3/32"	0.094	2.381	19/32"	0.594	15.081
7/64"	0.109	2.778	39/64"	0.609	15.478
1/8"	0.125	3.175	5/8"	0.625	15.875
9/64"	0.141	3.572	41/64"	0.641	16.272
5/32"	0.156	3.969	21/32"	0.656	16.669
11/64"	0.172	4.366	43/64"	0.672	17.066
3/16"	0.188	4.763	11/16"	0.688	17.463
13/64"	0.203	5.159	45/64"	0.703	17.859
7/32"	0.219	5.556	23/32"	0.719	18.256
15/64"	0.234	5.953	47/64"	0.734	18.653
1/4"	0.250	6.350	3/4"	0.750	19.050
17/64"	0.266	6.747	49/64"	0.766	19.447
9/32"	0.281	7.144	25/32"	0.781	19.844
19/64"	0.297	7.541	51/64"	0.797	20.241
5/16"	0.313	7.938	13/16"	0.813	20.638
21/64"	0.328	8.334	53/64"	0.828	21.034
11/32"	0.344	8.731	27/32"	0.844	21.431
23/64"	0.359	9.128	55/64"	0.859	21.828
3/8"	0.375	9.525	7/8"	0.875	22.225
25/64"	0.391	9.922	57/64"	0.891	22.622
13/32"	0.406	10.319	29/32"	0.906	23.019
27/64"	0.422	10.716	59/64"	0.922	23.416
7/16"	0.438	11.113	15/16"	0.938	23.813
29/64"	0.453	11.509	61/64"	0.953	24.209
15/32"	0.469	11.906	31/32"	0.969	24.606
31/64"	0.484	12.303	63/64"	0.984	25.003
1/2"	0.500	12.700	1"	1.000	25.400

From	To	Multiply by
<b>Mass</b>		
ounce (oz)	gram (g)	28.349
gram (g)	ounce (oz)	0.035
pound (lb)	kilogram (kg)	0.454
kilogram (kg)	pound (lb)	2.205
ton	tonne	1.016
tonne	ton	0.984
<b>Density</b>		
pound / cubic inch (lb/in <sup>3</sup> )	gram / cubic centimetre (g/cm <sup>3</sup> )	27.679
gram / cubic centimetre (g/cm <sup>3</sup> )	pound / cubic inch (lb/in <sup>3</sup> )	0.036
pound / cubic foot (lb/ft <sup>3</sup> )	kilogram / cubic metre (kg/m <sup>3</sup> )	16.018
kilogram / cubic metre (kg/m <sup>3</sup> )	pound / cubic foot (lb/ft <sup>3</sup> )	0.062
pound / cubic yard (lb/yd <sup>3</sup> )	kilogram / cubic metre (kg/m <sup>3</sup> )	0.593
kilogram / cubic metre (kg/m <sup>3</sup> )	pound / cubic yard (lb/yd <sup>3</sup> )	1.684
<b>Pressure</b>		
pound / foot (lb/ft)	kilogram / metre (kg/m)	1.4882
kilogram / metre (kg/m)	pound / foot (lb/ft)	0.672
pound / square inch (lb/in <sup>2</sup> )	kilogram / square centimetre (kg/cm <sup>2</sup> )	0.07031
kilogram / square centimetre (kg/cm <sup>2</sup> )	pound / square inch (lb/in <sup>2</sup> )	14.22
pound / square inch (lb/in <sup>2</sup> )	kilopascal (kPa)	6.895
kilopascal (kPa)	pound / square inch (lb/in <sup>2</sup> )	0.145
pound / square inch (lb/in <sup>2</sup> )	megapascal (MPa)	0.006895
megapascal (MPa)	pound / square inch (lb/in <sup>2</sup> )	145.04
ton / square inch (ton/in <sup>2</sup> )	megapascal (MPa)	15.444
megapascal (MPa)	ton / square inch (ton/in <sup>2</sup> )	0.0647
bar	kilogram / square centimetre (kg/cm <sup>2</sup> )	1.02
kilogram / square centimetre (kg/cm <sup>2</sup> )	bar	0.981
bar	pound / square inch (lb/in <sup>2</sup> )	14.51
pound / square inch (lb/in <sup>2</sup> )	bar	0.0689
bar	kilopascal (kPa)	100
kilopascal (kPa)	bar	0.01
<b>Temperature</b>		
centigrade (C)	fahrenheit (F)	(C x 1.8) + 32
fahrenheit (F)	centigrade (C)	(F - 32) / 1.8
<b>Length</b>		
thou. inch (µin)	millimetre (mm)	0.0254
millimetre (mm)	thou. inch (µin)	0.0393
inch (in)	centimetre (cm)	2.54
centimetre (cm)	inch (in)	0.3937
foot (ft)	metre (m)	0.3048
metre (m)	foot (ft)	3.2808
mile	kilometre (km)	0.6213
kilometre (km)	mile	1.6093
<b>Volume</b>		
cubic inches (ci)	cubic centimetres (cc)	16.3871
cubic centimetres (cc)	cubic inches (ci)	0.061
cubic foot / min (cfm)	litre / min (l/min)	28.3168
litre / min (l/min)	cubic foot / min (cfm)	0.0353
cubic yard (yd <sup>3</sup> )	cubic metre (m <sup>3</sup> )	0.7645
cubic metre (m <sup>3</sup> )	cubic yard (yd <sup>3</sup> )	1.3079
fluid ounce (fl oz)	ml (cm <sup>3</sup> )	28.4131
ml (cm <sup>3</sup> )	fluid ounce (fl oz)	0.035
pint	litre (dm <sup>3</sup> )	0.5682
litre (dm <sup>3</sup> )	pint	1.7605
imperial gallon	litre (dm <sup>3</sup> )	4.5506
litre (dm <sup>3</sup> )	imperial gallon	0.2197









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AU-TF-PG0023-0324-R11

