

PneuFit Push-in Tube Fittings

Metric 4 mm - 14 mm OD Tube

Imperial 1/4" - 3/4" OD Tube

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- **Very compact units**
 - **Easy tube insertion for rapid assembly of pneumatic circuits**
 - **Positive tube anchorage**
 - **All tapered threads are pre-coated with non-PTFE based sealant**
 - **Straight Adaptors feature internal hexagon for Allen Key**
 - **Silicone free O-rings**
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Technical Data

Operating Pressure: vacuum - 18 bar
(Dependant upon operating specification of tubing)

Operating Temperature: -20°C to + 80°C

Materials

Nickel plated brass for body and collet
Silicone free nitrile rubber 'O' ring
Non - PTFE thread sealant

Warning: The Push-in tube fittings in the pneuFit range must not be used in vehicle air braking systems

Metric

Part Ref	Tube OD
100200400	4 mm
100200500	5 mm
100200600	6 mm
100200800	8 mm
100201000	10 mm
100201200	12 mm
100201400	14 mm

Straight Joiners



Imperial

Part Ref	Tube OD
120200100	1/8"
120200200	5/32"
120200300	3/16"
120200400	1/4"
120200500	5/16"
120200600	3/8"
120200700	1/2"

Part Ref	Tube OD
100400400	4 mm
100400500	5 mm
100400600	6 mm
100400800	8 mm
100401000	10 mm
100401200	12 mm
100401400	14 mm

Equal Elbows



Part Ref	Tube OD
120400100	1/8"
120400200	5/32"
120400300	3/16"
120400400	1/4"
120400500	5/16"
120400600	3/8"
120400700	1/2"

Part Ref	Tube OD
100600400	4 mm
100600500	5 mm
100600600	6 mm
100600800	8 mm
100601000	10 mm
100601200	12 mm
100601400	14 mm

Equal Tees



Part Ref	Tube OD
120600100	1/8"
120600200	5/32"
120600300	3/16"
120600400	1/4"
120600500	5/16"
120600600	3/8"
120600700	1/2"

Straight Adaptors



Taper Thread

Parallel Thread

Part Ref	Thread	Tube OD
101250418	1/8"	4 mm
101250428	1/4"	4 mm
101250518	1/8"	5 mm
101250528	1/4"	5 mm
101250618	1/8"	6 mm
101250628	1/4"	6 mm
101250818	1/8"	8 mm
101250828	1/4"	8 mm
101250838	3/8"	8 mm
101250848	1/2"	8 mm
101251018	1/8"	10 mm
101251028	1/4"	10 mm
101251038	3/8"	10 mm
101251048	1/2"	10 mm
101251228	1/4"	12 mm
101251238	3/8"	12 mm
101251248	1/2"	12 mm
101251438	3/8"	14 mm
101251448	1/2"	14 mm

Part Ref	Thread	Tube OD
102250405	M5 x 0.8	4 mm
102250418	1/8"	4 mm
102250428	1/4"	4 mm
102250505	M5 x 0.8	5 mm
102250518	1/8"	5 mm
102250528	1/4"	5 mm
102250605	M5 x 0.8	6 mm
102250618	1/8"	6 mm
102250628	1/4"	6 mm
102250818	1/8"	8 mm
102250828	1/4"	8 mm
102250838	3/8"	8 mm
102250848	1/2"	8 mm
102251018	1/8"	10 mm
102251028	1/4"	10 mm
102251038	3/8"	10 mm
102251048	1/2"	10 mm
102251228	1/4"	12 mm
102251238	3/8"	12 mm
101251248	1/2"	12 mm

Straight Adaptor



Part Ref	Thread	Tube OD
BSP		
121250118	1/8"	1/8"
121250128	1/4"	1/8"
101250418	1/8"	5/32"
101250428	1/4"	5/32"
121250418	1/8"	1/4"
121250428	1/4"	1/4"
121250438	3/8"	1/4"
101250818	1/8"	5/16"
101250828	1/4"	5/16"
101250838	3/8"	5/16"
121250618	1/8"	3/8"
121250628	1/4"	3/8"
121250638	3/8"	3/8"
121250648	1/2"	3/8"
121250728	1/4"	1/2"
121250738	3/8"	1/2"
121250748	1/2"	1/2"

Bulkhead Connector

Part Ref	Tube OD
100290400	4 mm
100290500	5 mm
100290600	6 mm
100290800	8 mm
100291000	10 mm
100291200	12 mm
100291400	14 mm



Fixed Elbow



Part Ref	Thread	Tube OD
BSP		
101450418	1/8"	4 mm
101450428	1/4"	4 mm
101450518	1/8"	5 mm
101450528	1/4"	5 mm
101450618	1/8"	6 mm
101450628	1/4"	6 mm
101450818	1/8"	8 mm
101450828	1/4"	8 mm
101450838	3/8"	8 mm
101450848	1/2"	8 mm
101451018	1/8"	10 mm
101451028	1/4"	10 mm
101451038	3/8"	10 mm
101451048	1/2"	10 mm
101451228	1/4"	12 mm
101451238	3/8"	12 mm
101451248	1/2"	12 mm

Swivel Elbows



Taper Thread

Part Ref	Thread	Tube OD
	BSP	
101470418	1/8"	4 mm
101470428	1/4"	4 mm
101470518	1/8"	5 mm
101470528	1/4"	5 mm
101470618	1/8"	6 mm
101470628	1/4"	6 mm
101470638	3/8"	6 mm
101470818	1/8"	8 mm
101470828	1/4"	8 mm
101470838	3/8"	8 mm
101470848	1/2"	8 mm
101471018	1/8"	10 mm
101471028	1/4"	10 mm
101471038	3/8"	10 mm
101471048	1/2"	10 mm
101471228	1/4"	12 mm
101471238	3/8"	12 mm
101471248	1/2"	12 mm
101471438	3/8"	14 mm
101471448	1/2"	14 mm



Parallel Thread

Part Ref	Thread	Tube OD
	BSP	
102470405	M5 x 0.8	4 mm
102470418	1/8"	4 mm
102470428	1/4"	4 mm
102470505	M5 x 0.8	5 mm
102470518	1/8"	5 mm
102470528	1/4"	5 mm
102470605	M5 x 0.8	6 mm
102470618	1/8"	6 mm
102470628	1/4"	6 mm
102470818	1/8"	8 mm
102470828	1/4"	8 mm
102470838	3/8"	8 mm
102470848	1/2"	8 mm
102471018	1/8"	10 mm
102471028	1/4"	10 mm
102471038	3/8"	10 mm
102471048	1/2"	10 mm
102471228	1/4"	12 mm
102471238	3/8"	12 mm
102471248	1/2"	12 mm
102471438	3/8"	14 mm
102471448	1/2"	14 mm



Swivel Elbow

Part Ref	Thread	Tube OD
BSP Taper		
121470118	1/8"	1/8"
101400418	1/8"	5/32"
121470318	1/8"	3/16"
121470418	1/8"	1/4"
101470818	1/8"	5/16"
101470428	1/4"	5/32"
121470328	1/4"	3/16"
121470428	1/4"	1/4"
101470828	1/4"	5/16"
101470628	1/4"	3/8"
121470728	1/4"	1/2"
121470638	3/8"	3/8"
121470648	1/2"	3/8"
121470738	3/8"	1/2"
121470748	1/2"	1/2"



Female Stud



Part Ref	Thread	Tube OD
102260405	M5 x 0.8	4 mm
102260418	1/8"	4 mm
102260428	1/4"	4 mm
102260518	1/8"	5 mm
102260528	1/4"	5 mm
102260618	1/8"	6 mm
102260628	1/4"	6 mm
102260818	1/8"	8 mm
102260828	1/4"	8 mm
102261028	1/4"	10 mm
102261038	3/8"	10 mm

Part Ref	Stem	Tube OD
102261238	3/8"	12 mm
102261248	1/2"	12 mm

Stem Tube Reducers



Part Ref	Stem	Tube OD
100230504	5 mm	4 mm
100230604	6 mm	4 mm
100230605	6 mm	5 mm
100230804	8 mm	4 mm
100230805	8 mm	5 mm
100230806	8 mm	6 mm
100231004	10 mm	4 mm
100231006	10 mm	6 mm
100231008	10 mm	8 mm
100231204	12 mm	4 mm
100231205	12 mm	5 mm
100231206	12 mm	6 mm
100231208	12 mm	8 mm
100231210	12 mm	10 mm
100231406	14 mm	6 mm
100231408	14 mm	8 mm
100231410	14 mm	10 mm
100231412	14 mm	12 mm

Expanders

Part Ref	Stem	Tube OD
100230406	4 mm	6 mm
100230608	6 mm	8 mm