



BRASS COMPRESSION FITTINGS

0105 MALE STUD COUPLING, BSP TAPER THREAD




TUBE O.D. MM	THREAD SIZE INCH	PART No.
4	R1/8	BFM3-0402
5	R1/8	BFM3-0502
5	R1/4	BFM3-0504
6	R1/8	BFM3-0602
6	R1/4	BFM3-0604
6	R3/8	BFM3-0606
8	R1/8	BFM3-0802
8	R1/4	BFM3-0804
8	R3/8	BFM3-0806
10	R1/8	BFM3-1002
10	R1/4	BFM3-1004
10	R3/8	BFM3-1006
10	R1/2	BFM3-1008
12	R1/4	BFM3-1204
12	R3/8	BFM3-1206
12	R1/2	BFM3-1208

0109 MALE STUD ELBOW, BSP TAPER THREAD




TUBE O.D. MM	THREAD SIZE INCH	PART No.
4	R1/8	BFM5-0402
4	R1/4	BFM5-0404
5	R1/8	BFM5-0502
5	R1/4	BFM5-0504
6	R1/8	BFM5-0602
6	R1/4	BFM5-0604
8	R1/8	BFM5-0802
8	R1/4	BFM5-0804
8	R3/8	BFM5-0806
10	R1/4	BFM5-1004
10	R3/8	BFM5-1006
10	R1/2	BFM5-1008
12	R1/4	BFM5-1204
12	R3/8	BFM5-1206
12	R1/2	BFM5-1208

0108 MALE STUD BRANCH TEE, BSP TAPER THREAD




TUBE O.D. MM	THREAD SIZE INCH	PART No.
4	R1/8	BFM12-0402
6	R1/8	BFM12-0602
6	R1/4	BFM12-0604
8	R1/8	BFM12-0802
8	R1/4	BFM12-0804
8	R3/8	BFM12-0806
10	R1/4	BFM12-1004
10	R3/8	BFM12-1006
12	R1/4	BFM12-1204
12	R3/8	BFM12-1206

0114 FEMALE STUD COUPLING, BSP PARALLEL THREAD




TUBE O.D. MM	THREAD SIZE INCH	PART No.
4	G1/8	BFM10-0402
4	G1/4	BFM10-0404
6	G1/8	BFM10-0602
6	G1/4	BFM10-0604
8	G1/8	BFM10-0802
8	G1/4	BFM10-0804
8	G3/8	BFM10-0806
10	G1/4	BFM10-1004
10	G3/8	BFM10-1006
10	G1/2	BFM10-1008
12	G1/4	BFM10-1204
12	G3/8	BFM10-1206
12	G1/2	BFM10-1208

0106 EQUAL ENDED STRAIGHT COUPLING




TUBE O.D. MM	PART No.
4	BFM4-04
5	BFM4-05
6	BFM4-06
8	BFM4-08
10	BFM4-10
12	BFM4-12

0102 EQUAL ELBOW




TUBE O.D. MM	PART No.
4	BFM11-04
6	BFM11-06
8	BFM11-08
10	BFM11-10
12	BFM11-12

0103 MALE STUD RUN TEE, BSP TAPER THREAD




TUBE O.D. MM	THREAD SIZE INCH	PART No.
4	R1/8	BFM13-0402
6	R1/8	BFM13-0602
6	R1/4	BFM13-0604
8	R1/8	BFM13-0802
8	R1/4	BFM13-0804
8	R3/8	BFM13-0806
10	R1/4	BFM13-1004
10	R3/8	BFM13-1006
12	R3/8	BFM13-1206

0116 BULKHEAD COUPLING




TUBE O.D. MM	PART No.
4	BFM31-04
6	BFM31-06
8	BFM31-08
10	BFM31-10
12	BFM31-12

0104 EQUAL TEE




TUBE O.D. MM	PART No.
4	BFM14-04
5	BFM14-05
6	BFM14-06
8	BFM14-08
10	BFM14-10
12	BFM14-12

0124 OLIVE



TUBE O.D. MM	PART No.
4	BFM100-04
5	BFM100-05
6	BFM100-06
8	BFM100-08
10	BFM100-10
12	BFM100-12

0110 NUT



TUBE O.D. MM	THREAD SIZE INCH	PART No.
4	M8x1	BFM2-04
5	M10x1	BFM2-05
6	M10x1	BFM2-06
8	M12x1	BFM2-08
10	M16x1.5	BFM2-10
12	M18x1.5	BFM2-12

PUSH-IN FITTINGS

LF 3000 METRIC TUBE

3175 MALE STUD FITTINGS, HEXAGONAL WITH BSPT THREAD			
TUBE O.D. MM	THREAD SIZE INCH	PART No.	
4	R1/8	PFM3-0402	
4	R1/4	PFM3-0404	
6	R1/8	PFM3-0602	
6	R1/4	PFM3-0604	
6	R3/8	PFM3-0606	
6	R1/2	PFM3-0608	
8	R1/8	PFM3-0802	
8	R1/4	PFM3-0804	
8	R3/8	PFM3-0806	
8	R1/2	PFM3-0808	
10	R1/4	PFM3-1004	
10	R3/8	PFM3-1006	
10	R1/2	PFM3-1008	
12	R1/4	PFM3-1204	
12	R3/8	PFM3-1206	
12	R1/2	PFM3-1208	

3109 MALE STUD ELBOW, BSPT THREAD			
TUBE O.D. MM	THREAD SIZE INCH	PART No.	
4	R1/8	PFM5-0402	
4	R1/4	PFM5-0404	
6	R1/8	PFM5-0602	
6	R1/4	PFM5-0604	
8	R1/8	PFM5-0802	
8	R1/4	PFM5-0804	
8	R3/8	PFM5-0806	
10	R1/4	PFM5-1004	
10	R3/8	PFM5-1006	
10	R1/2	PFM5-1008	
12	R1/4	PFM5-1204	
12	R3/8	PFM5-1206	
12	R1/2	PFM5-1208	

3113 45° MALE ELBOW, BSPT THREAD			
TUBE O.D. MM	THREAD SIZE INCH	PART No.	
4	R1/8	PFM545-0402	
6	R1/8	PFM545-0602	
6	R1/4	PFM545-0604	
8	R1/8	PFM545-0802	
8	R1/4	PFM545-0804	
8	R3/8	PFM545-0806	
10	R1/4	PFM545-1004	
10	R3/8	PFM545-1006	
10	R1/2	PFM545-1008	
12	R1/4	PFM545-1204	
12	R3/8	PFM545-1206	
12	R1/2	PFM545-1208	

3106 TUBE/TUBE CONNECTOR		
TUBE O.D. MM	PART No.	
4	PFM4-04	
6	PFM4-06	
8	PFM4-08	
10	PFM4-10	
12	PFM4-12	

3108 MALE STUD BRANCH TEE, BSPT THREAD			
TUBE O.D. MM	THREAD SIZE INCH	PART No.	
4	R1/8	PFM12-0402	
4	R1/4	PFM12-0404	
6	R1/8	PFM12-0602	
6	R1/4	PFM12-0604	
8	R1/8	PFM12-0802	
8	R1/4	PFM12-0804	
8	R3/8	PFM12-0806	
10	R1/4	PFM12-1004	
10	R3/8	PFM12-1006	
10	R1/2	PFM12-1008	
12	R1/4	PFM12-1204	
12	R3/8	PFM12-1206	
12	R1/2	PFM12-1208	

3106 UNEQUAL TUBE/TUBE CONNECTOR		
TUBE O.D. 1 MM	TUBE O.D. 2 MM	PART No.
3	4	PFMR4-0304
4	6	PFMR4-0406
4	8	PFMR4-0408
6	8	PFMR4-0608
6	10	PFMR4-0610
8	10	PFMR4-0810
10	12	PFMR4-1012
12	14	PFMR4-1214

3102 EQUAL ELBOW	
TUBE O.D. MM	PART No.
4	PFM11-04
6	PFM11-06
8	PFM11-08
10	PFM11-10
12	PFM11-12

3104 EQUAL TEE	
TUBE O.D. MM	PART No.
3	PFM14-03
4	PFM14-04
6	PFM14-06
8	PFM14-08
10	PFM14-10
12	PFM14-12

3116 BULKHEAD CONNECTOR	
TUBE O.D. MM	PART No.
4	PFM31-04
6	PFM31-06
8	PFM31-08
10	PFM31-10
12	PFM31-12

3136 FEMALE BULKHEAD CONNECTOR, BSPP THREAD		
TUBE O.D. MM	THREAD SIZE INCH	PART No.
4	G1/8	PFM31F-0402
4	G1/4	PFM31F-0404
6	G1/8	PFM31F-0602
6	G1/4	PFM31F-0604
8	G1/8	PFM31F-0802
8	G1/4	PFM31F-0804
10	G3/8	PFM31F-1006
12	G3/8	PFM31F-1206
12	G1/2	PFM31F-1208

LF 3000 IMPERIAL TUBE

3175 MALE STUD CONNECTOR BSPT (TAPER)	TUBE O.D. INCH		
	THREAD SIZE INCH	PART No.	
	1/8	1/8	PF3-0202
	3/16	1/8	PF3-0302
	3/16	1/4	PF3-0304
	1/4	1/8	PF3-0402
	1/4	1/4	PF3-0404
	5/16	1/8	PF3-0502
	5/16	1/4	PF3-0504
	5/16	3/8	PF3-0506
	3/8	1/4	PF3-0604
	3/8	3/8	PF3-0606
	3/8	1/2	PF3-0608
	1/2	1/4	PF3-0804
	1/2	3/8	PF3-0806
	1/2	1/2	PF3-0808

3109 MALE STUD ELBOW BSPT (TAPER)	TUBE O.D. INCH		
	THREAD SIZE INCH	PART No.	
	1/8	1/8	PF5-0202
	3/16	1/8	PF5-0302
	3/16	1/4	PF5-0304
	1/4	1/8	PF5-0402
	1/4	1/4	PF5-0404
	5/16	1/8	PF5-0502
	5/16	1/4	PF5-0504
	5/16	3/8	PF5-0506
	3/8	1/4	PF5-0604
	3/8	3/8	PF5-0606
	1/2	1/4	PF5-0804
	1/2	3/8	PF5-0806
	1/2	1/2	PF5-0808

3108 MALE STUD BRANCH TEE BSPT (TAPER)	TUBE O.D. INCH		
	THREAD SIZE INCH	PART No.	
	3/16	1/8	PF12-0302
	3/16	1/4	PF12-0304
	1/4	1/8	PF12-0402
	1/4	1/4	PF12-0404
	5/16	1/8	PF12-0502
	5/16	1/4	PF12-0504
	5/16	3/8	PF12-0506
	3/8	1/4	PF12-0604
	3/8	3/8	PF12-0606
	1/2	1/4	PF12-0804
	1/2	3/8	PF12-0806

3106 STRAIGHT EQUAL UNION	TUBE O.D. INCH	
	PART No.	
	1/8	PF4-02
	3/16	PF4-03
	1/4	PF4-04
	5/16	PF4-05
	3/8	PF4-06
	1/2	PF4-08

3102 EQUAL ELBOW	TUBE O.D. INCH	
	PART No.	
	1/8	PF11-02
	3/16	PF11-03
	1/4	PF11-04
	5/16	PF11-05
	3/8	PF11-06
	1/2	PF11-08

3104 EQUAL TEE	TUBE O.D. INCH	
	PART No.	
	1/8	PF14-02
	3/16	PF14-03
	1/4	PF14-04
	5/16	PF14-05
	3/8	PF14-06
	1/2	PF14-08

3166 REDUCER	TUBE O.D. 1 INCH	TUBE O.D. 2 INCH	PART No.
		3/16	1/8
	1/4	1/8	PFR4-0402
	1/4	3/16	PFR4-0403
	5/16	1/4	PFR4-0504
	3/8	1/4	PFR4-0604
	1/2	1/4	PFR4-0804
	1/2	5/16	PFR4-0805
	1/2	3/8	PFR4-0806

3116 BULKHEAD UNION	TUBE O.D. INCH	
	PART No.	
	3/16	PF31-03
	1/4	PF31-04
	5/16	PF31-05
	3/8	PF31-06
	1/2	PF31-08

LF 3600 FOR INDUSTRIAL AND FOOD APPLICATIONS

3675 MALE STUD, BSP TAPER			
TUBE O.D. MM	THREAD SIZE INCH	PART No.	
4	R1/8	PFM3NP-0402	
4	R1/4	PFM3NP-0404	
6	R1/8	PFM3NP-0602	
6	R1/4	PFM3NP-0604	
8	R1/8	PFM3NP-0802	
8	R1/4	PFM3NP-0804	
8	R3/8	PFM3NP-0806	
10	R1/4	PFM3NP-1004	
10	R3/8	PFM3NP-1006	
12	R1/4	PFM3NP-1204	
12	R3/8	PFM3NP-1206	
12	R1/2	PFM3NP-1208	

3609 MALE STUD ELBOW, BSP TAPER			
TUBE O.D. MM	THREAD SIZE INCH	PART No.	
4	R1/8	PFM5NP-0402	
4	R1/4	PFM5NP-0404	
6	R1/8	PFM5NP-0602	
6	R1/4	PFM5NP-0604	
8	R1/8	PFM5NP-0802	
8	R1/4	PFM5NP-0804	
8	R3/8	PFM5NP-0806	
10	R1/4	PFM5NP-1004	
10	R3/8	PFM5NP-1006	
12	R1/4	PFM5NP-1204	
12	R3/8	PFM5NP-1206	
12	R1/2	PFM5NP-1208	

3608 MALE STUD BRANCH TEE, BSP TAPER			
TUBE O.D. MM	THREAD SIZE INCH	PART No.	
4	R1/8	PFM12NP-0402	
6	R1/8	PFM12NP-0602	
6	R1/4	PFM12NP-0604	
8	R1/8	PFM12NP-0802	
8	R1/4	PFM12NP-0804	
10	R1/4	PFM12NP-1004	
12	R3/8	PFM12NP-1206	

3616 EQUAL BULKHEAD CONNECTOR	
TUBE O.D. MM	PART No.
4	PFM31NP-04
6	PFM31NP-06
8	PFM31NP-08
10	PFM31NP-10
12	PFM31NP-12
TUBE O.D. INCH	PART No.
1/4	PF31NP-04
3/8	PF31NP-06
1/2	PF31NP-08

3606 EQUAL TUBE TO TUBE CONNECTOR	
TUBE O.D. MM	PART No.
4	PFM4NP-04
6	PFM4NP-06
8	PFM4NP-08
10	PFM4NP-10
12	PFM4NP-12
TUBE O.D. INCH	PART No.
1/4	PF4NP-04
3/8	PF4NP-06
1/2	PF4NP-08

3602 EQUAL ELBOW	
TUBE O.D. MM	PART No.
4	PFM11NP-04
6	PFM11NP-06
8	PFM11NP-08
10	PFM11NP-10
12	PFM11NP-12
TUBE O.D. INCH	PART No.
1/4	PF11NP-04
3/8	PF11NP-06
1/2	PF11NP-08

3604 EQUAL TEE	
TUBE O.D. MM	PART No.
4	PFM14NP-04
6	PFM14NP-06
8	PFM14NP-08
10	PFM14NP-10
12	PFM14NP-12
TUBE O.D. INCH	PART No.
1/4	PF14NP-04
3/8	PF14NP-06
1/2	PF14NP-08

3614 FEMALE STUD, BSP PARALLEL		
TUBE O.D. INCH	THREAD SIZE INCH	PART No.
4	G1/8	PFM10NP-0402
4	G1/4	PFM10NP-0404
6	G1/8	PFM10NP-0602
6	G1/4	PFM10NP-0604
8	G1/8	PFM10NP-0802
8	G1/4	PFM10NP-0804
10	G3/8	PFM10NP-1006
12	G3/8	PFM10NP-1206
12	G1/2	PFM10NP-1208

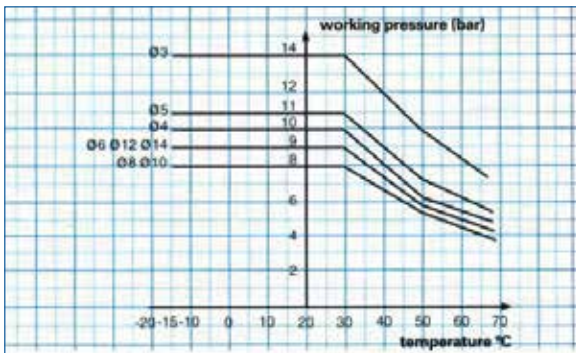
CLOSE TOLERANCE FLEXIBLE POLYURETHANE TUBING



The high flexibility of flexible polyurethane tubing allows compact cabling where a small bend radius is required. Flexible polyurethane tubing has a shore hardness 52°D and conforms to NFE 49.101 standard.

PRESSURE AND TEMPERATURE RESISTANCE OF POLYURETHANE TUBING

In the graph below, each curve represents the acceptable maximum pressure at a given temperature, by diameter.
Example: polyurethane tube, Ø4mm, at 20°C, working pressure = 10 bar.



To calculate burst pressure, the values in the graph (left) should be multiplied x 3.

Technical characteristics of polyurethane tubing also depend on the type of connection used.

1025U FLEXIBLE POLYURETHANE TUBING

O.D. TUBE MM	I.D. TUBE MM	R Min. bend radius for tube at ambient temp. (MM)	FLEXIBLE POLYURETHANE TUBING IN 25M ROLLS							WEIGHT KG FOR 25M
			P/N. Black (Prefix PE)	P/N. Green (Prefix PE)	P/N. Red (Prefix PE)	P/N. Blue (Prefix PE)	P/N. Yellow (Prefix PE)	P/N. Grey (Prefix PE)	P/N. White (Prefix PE)	
3	1.8	8	1025U030118							0.020
4	2.5	10	1025U0401	1025U0402	1025U0403	1025U0404	1025U0405	1025U0406	1025U0408	0.310
5	3	13	1025U0501			1025U0504			1025U0508	0.522
6	4	15	1025U0601	1025U0602	1025U0603	1025U0604	1025U0605	1025U0606	1025U0608	0.591
8	5.5	20	1025U0801	1025U0802	1025U0803	1025U0804	1025U0805	1025U0806	1025U0808	0.971
10	7	25	1025U1001	1025U1002		1025U1004	1025U1005	1025U1006	1025U1008	1.467
12	8	35	1025U1201	1025U1202		1025U1204	1025U1205	1025U1206	1025U1208	2.406
14	9.5	45	1025U140195			1025U140495				2.815

1100U FLEXIBLE POLYURETHANE TUBING

O.D. TUBE MM	I.D. TUBE MM	R Min. bend radius for tube at ambient temp. (MM)	FLEXIBLE POLYURETHANE TUBING IN 100M ROLLS						WEIGHT KG FOR 100M
			P/N. Black (Prefix PE)	P/N. Green (Prefix PE)	P/N. Red (Prefix PE)	P/N. Blue (Prefix PE)	P/N. Yellow (Prefix PE)	P/N. Grey (Prefix PE)	
4	2.5	10	1100U0401	1100U0402	1100U0403	1100U0404	1100U0405	1100U0406	1.092
5	3	13	1100U0501			1100U0504			1.605
6	4	15	1100U0601	1100U0602	1100U0603	1100U0604	1100U0605	1100U0606	2.064
8	5.5	20	1100U0801	1100U0802	1100U0803	1100U0804	1100U0805	1100U0806	3.610
10	7	25	1100U1001			1100U1004			6.105
12	8	35	1100U1201			1100U1204			8.610
14	9.5	45	1100U140195			1100U140495			11.215

CLOSE TOLERANCE POLYURETHANE RECOIL TUBING

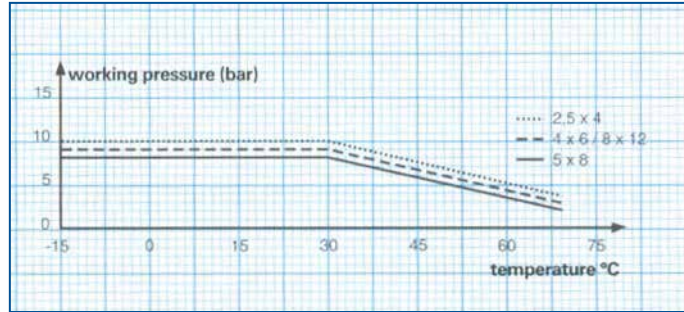


Polyurethane recoil tubing is perfectly suited for installations requiring flexibility within a reduced space, thanks to its small coil diameters. Straightened extremities and good resistance to shocks and abrasion enable safe and easy manipulation of pneumatic machinery. With a surface hardness of 52° shore D, it conforms to NFE 49.101 standard.

PRESSURE AND TEMPERATURE RESISTANCE OF POLYURETHANE RECOIL TUBING

In the adjacent graph, each curve represents the acceptable maximum pressure at a given temperature, by diameter. Example: polyurethane recoil tube, Ø4x6, at 20°C, maximum pressure = 9 bar

Technical characteristics of polyurethane recoil tubing also depend on the type of connection used.



1470U POLYURETHANE RECOIL TUBING, 2M LONG, WITH BSPT THREAD CONNECTIONS

O.D. TUBE MM	I.D. TUBE MM	Thread SIZE INCH	POLYURETHANE RECOIL TUBING, 2M LONG			Total Closed Length (MM)	Length of Long Straight Section (MM)	Length of Short Straight Section (MM)	O.D. of Coil (MM)	WEIGHT (KG)
			Part No. Red	Part No. Blue	Part No. Yellow					
4	2.5	R1/8	PER1470U040310	PER1470U040410	PER1470U040510	595	300	100	24	0.060
6	4	R1/4	PER1470U060313	PER1470U060413	PER1470U060513	630	300	100	32	0.120
8	5	R1/4	PER1470U080313	PER1470U080413	PER1470U080513	780	500	100	42	0.160
12	8	R3/8	PER1470U120317	PER1470U120417	PER1470U120517	780	500	100	65	0.220

1471U POLYURETHANE RECOIL TUBING, 4M LONG, WITH BSPT THREAD CONNECTIONS

O.D. TUBE MM	I.D. TUBE MM	Thread SIZE INCH	POLYURETHANE RECOIL TUBING, 4M LONG			Total Closed Length (MM)	Length of Long Straight Section (MM)	Length of Short Straight Section (MM)	O.D. of Coil (MM)	WEIGHT (KG)
			Part No. Red	Part No. Blue	Part No. Yellow					
4	2.5	R1/8	PER1471U040310	PER1471U040410	PER1471U040510	785	300	100	24	0.100
6	4	R1/4	PER1471U060313	PER1471U060413	PER1471U060513	850	300	100	32	0.160
8	5	R1/4	PER1471U080313	PER1471U080413	PER1471U080513	1000	500	100	42	0.200
12	8	R3/8	PER1471U120317	PER1471U120417	PER1471U120517	990	500	100	65	0.260

1472U POLYURETHANE RECOIL TUBING, 6M LONG, WITH BSPT THREAD CONNECTIONS

O.D. TUBE MM	I.D. TUBE MM	Thread SIZE INCH	POLYURETHANE RECOIL TUBING, 6M LONG			Total Closed Length (MM)	Length of Long Straight Section (MM)	Length of Short Straight Section (MM)	O.D. of Coil (MM)	WEIGHT (KG)
			Part No. Red	Part No. Blue	Part No. Yellow					
8	5	R1/4	PER1472U080313	PER1472U080413	PER1472U080513	1230	500	100	42	0.280
12	8	R3/8	PER1472U120317	PER1472U120417	PER1472U120517	1190	500	100	65	0.310

CLOSE TOLERANCE FLEXIBLE POLYURETHANE TWIN TUBING



Flexible polyurethane twin tubing maintains the smooth surface of both tubes when separated and keeps the characteristics of their dimension.

Its use enables:

- > Swift and easy assembly
- > Compactness of circuitry
- > Differentiation of circuits, via two colours

Technical characteristics of flexible polyurethane twin tubing are the same as for polyurethane tubing.

1420U FLEXIBLE POLYURETHANE TWIN TUBING, 25M ROLL

O.D. TUBE MM	I.D. TUBE MM	R Min. bend radius for tube at 20°C (in mm)	PART NUMBERS FOR FLEXIBLE POLYURETHANE TWIN TUBING IN 25M ROLLS			WEIGHT (KG) FOR 25M
			Part No. Black/Black	Part No. Blue/Blue	Part No. Black/Blue	
4	2.5	10	PET1420U0411	PET1420U0444	PET1420U0441	0.620
6	4	15	PET1420U0611	PET1420U0644	PET1420U0641	1.182
8	5.5	20	PET1420U0811	PET1420U0844	PET1420U0841	1.942