



Plastic Tube and Hose Fittings

ADAPTERS—MALE



Suggested advantages:

- No corrosion
- Lightweight
- Can often be used with fluids that attack metals
- Low cost
- Do not cut fingers
- Electrically non-conductive
- No galvanic reaction with metals
- Made of materials listed by FDA.

Other fittings not listed here are available. Can be run in other materials (eg. nylon 6-6HS, polypropylene) for a minimum of 10,000.

NOTES:

MPT—Male taper pipe thread
GHT—Garden hose thread

Temperature Ratings

HDPE: -55° to +90°C
Nylon: -40° to +100°C

ADAPTERS—FEMALE



Available in sizes 1/8"-3/4"
tube ID in both natural nylon
and black polyethylene.

Part No.		MPT	Tube ID	
Nylon 6	Black HDPE			
F 253	F 253 PE		5/32	
F 23	F 23 PE		3/16	
F 24	F 24 PE	1/8	1/4	
F 25	F 25 PE		5/16	
F 26	F 26 PE		3/8	
F 43	F 43 PE		3/16	
F 44	F 44 PE	1/4	1/4	
F 45	F 45 PE		5/16	
F 46	F 46 PE		3/8	
F 48	F 48 PE		1/2	
F 64	F 64 PE		1/4	
F 65	F 65 PE	3/8	5/16	
F 66	F 66 PE		3/8	
F 68	F 68 PE		1/2	
F 610	F 610 PE		5/8	
F 83	F 83 PE	1/2	3/16	
F 84	F 84 PE		1/4	
F 86	F 86 PE		3/8	
F 88	F 88 PE		1/2	
F 810	F 810 PE		5/8	
F 812	F 812 PE		3/4	
F 816	—		1	
F 124	F 124 PE		3/4	1/4
F 126	F 126 PE			3/8
F 128	F 128 PF			1/2
F 1210	F 1210 PE	5/8		
F 1212	F 1212 PE	3/4		
F 1216	—	1		
F G3	—	GHT		3/16
F G4	—		1/4	
F G6	—		3/8	
F G8	—		1/2	
F G10	—		5/8	
F G12	—		3/4	
F 1612	F 1612 PE	1	3/4	
F 1616	F 1616 PE		1	
A 1141	—	1-1/4	1	
A 114	—		1-1/4	
A 114112	—		1-1/2	
A 11234	—	1-1/2	3/4	
A 1121	—		1	
A 112114	—		1-1/4	
A 112	—		1-1/2	
A 200	—	2	2	

Minimum order 50.



Plastic Tube and Hose Fittings CONTINUED

ELBOWS-MALE



NOTES:

MPT – Male taper pipe thread
 GHT – Garden hose thread

Temperature Ratings
 HDPE: -55° to +90°C
 Nylon: -40° to +100°C

ELBOWS-FEMALE



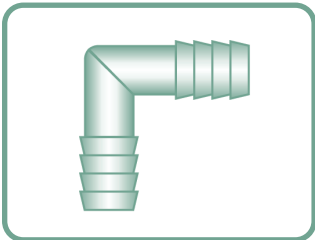
Male Part No.		MPT	Tube ID
Nylon 6	Black HDPE		
E 23	E 23 PE		3/16
E 24	E 24 PE	1/8	1/4
E 25	E 25 PE		5/16
E 26	E 26 PE		3/8
E 43	E 43 PE		3/16
E 44	E 44 PE		1/4
E 45	E 45 PE	1/4	5/16
E 46	E 46 PE		3/8
E 48	E 48 PE		1/2
E 410	E 410 PE		5/8
E 64	E 64 PE		1/4
E 65	E 65 PE		5/16
E 66	E 66 PE	3/8	3/8
E 68	E 68 PE		1/2
E 610	E 610 PE		5/8
E 84	E 84 PE		1/4
E 86	E 86 PE		3/8
E 88	E 88 PE	1/2	1/2
E 810	E 810 PE		5/8
E 812	E 812 PE		3/4
E 816	—		1
E 124	E 124 PE		1/4
E 126	E 126 PE		3/8
E 128	E 128 PE	3/4	1/2
E 1210	E 1210 PE		5/8
E 1212	E 1212 PE		3/4
E 1216	E 1216 PE		1
EL 3438G	—		3/8
EL 3412G	—	GHT	1/2
EL 3434G	—		3/4
EL 3410G	—		1
E 168	—		1/2
E 1612	E 1612 PE	1	3/4
E 1616	E 1616 PE		1
EL 1141	—	1-1/4	1
EL 114	—		1-1/4
EL 112	—	1-1/2	1-1/2
EL 200	—	2	2

Minimum order 50.



Plastic Tube and Hose Fittings CONTINUED

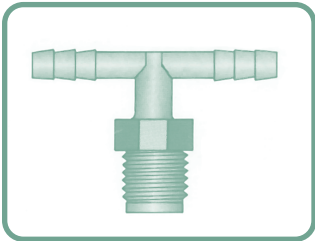
ELBOWS—BARBED



Part No.			
Nylon 6	Black HDPE	Tube ID	Tube ID
L 33	L 33 PE	3/16	3/16
L 44	L 44 PE	1/4	1/4
L 66	L 66 PE	3/8	3/8
L 84	L 84 PE		1/4
L 86	L 86 PE	1/2	3/8
L 88	L 88 PE		1/2
L 1010	L 1010 PE	5/8	5/8
L 1212	L 1212 PE	3/4	3/4
L 1616	—	1	1
EB 112	—	1-1/2	1-1/2
EB 200	—	2	2

Minimum order 50.

TEES—ADAPTER



Part No.			
Nylon 6	Black HDPE	MPT	Hose ID
AT 23	AT 23 PE		3/16
AT 24	AT 24 PE	1/8	1/4
AT 43	AT 43 PE		3/16
AT 44	AT 44 PE	1/4	1/4
AT 46	AT 46 PE		3/8
AT 48	AT 48 PE		1/2
AT 64	AT 64 PE		1/4
AT 66	AT 66 PE	3/8	3/8
AT 68	AT 68 PE		1/2
AT 86	AT 86 PE	1/2	3/8
AT 88	AT 88 PE		1/2
AT 816	—		1
AT 1212	—	3/4	3/4
AT 1216	—		1
AT 1616	—	1	1

Minimum order 50.

NOTES:

MPT—Male taper pipe thread

Temperature Ratings

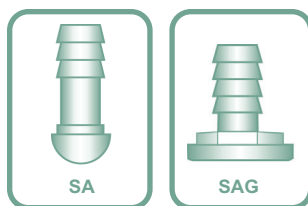
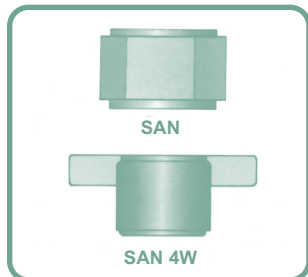
HDPE: -55° to +90°C

Nylon: -40° to +100°C



Plastic Tube and Hose Fittings CONTINUED

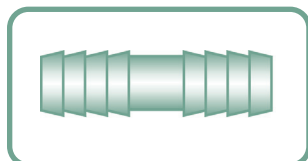
SWIVEL ADAPTERS AND NUTS



		Part No.	
		Nylon	Black HDPE
Nuts–Swivel			
			FPT
			Hose ID
SAN 4			1/4
SAN 4W			1/4 Wing
SAN 6	Not available		3/8
SAN 8			1/2
SAN G			GHT
Adapters–Swivel			
			Fits nut size
SA 4		SAN 4 or 4W	1/4
SA 6		SAN 6	3/8
SA 8		SAN 8	1/2
SA 8-4		SAN 8	1/4
	Not available		
SAG 4			1/4
SAG 6		SAN G	3/8
SAG 8			1/2
SAG 12			3/4

Minimum order 50.

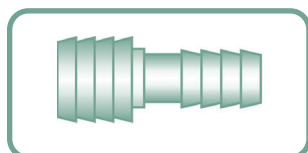
CONNECTORS–BARBED HOSE MENDERS



		Hose ID	Hose ID
C 22	C 22 PE	1/8	1/8
C 33	C 33 PE	3/16	3/16
C 44	C 44 PE	1/4	1/4
C 55	C 55 PE	5/16	5/16
C 66	C 66 PE	3/8	3/8
C 88	C 88 PE	1/2	1/2
C 1010	C 1010 PE	5/8	5/8
C 1212	C 1212 PE	3/4	3/4
C 1616	C 1616 PE	1	1
C 114	—	1-1/4	1-1/4
C 112	—	1-1/2	1-1/2

Minimum order 50.

CONNECTORS–REDUCING



		Tube ID	Tube ID
C 42	C 42 PE		1/8
C 43	C 43 PE	1/4	3/16
C 64	C 64 PE	3/8	1/4
C 84	C 84 PE	1/2	1/4
C 86	C 86 PE		3/8
C 106	C 106 PE	5/8	3/8
C 108	C 108 PE		1/2

Minimum order 50.

NOTES:

FPT – Female taper pipe thread
GHT – Garden hose thread

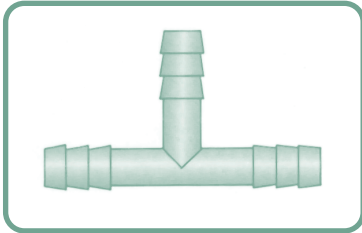
Temperature Ratings

HDPE: -55° to +90°C
Nylon: -40° to +100°C



Plastic Tube and Hose Fittings CONTINUED

TEES—BARBED



Part No.		Leg Hose ID	Tee Hose ID
Nylon	Black HDPE		
T 22	T 22 PE	1/8	1/8
T 532	T 532 PE	5/32	5/32
T 33	T 33 PE	3/16	3/16
T 36	T 36 PE		3/8
T 44	T 44 PE	1/4	1/4
T 45	T 45 PE		5/16
T 46	T 46 PE	1/4	3/8
T 48	T 48 PE		1/2
T 410	T 410 PE		5/8
T 55	T 55 PE	5/16	5/16
T 58	T 58 PE		1/2
T 510	T 510 PE		5/8

Part No.		Leg Hose ID	Tee Hose ID
Nylon	Black HDPE		
T 64	T 64 PE		1/4
T 66	T 66 PE		3/8
T 68	T 68 PE	3/8	1/2
T 610	T 610 PE		5/8
T 612	T 612 PE		3/4
T 86	T 86 PE		3/8
T 88	T 88 PE	1/2	1/2
T 810	T 810 PE		5/8
T 812	T 812 PE		3/4
T 1010	T 1010 PE	5/8	5/8
T 1212	T 1212 PE	3/4	3/4
T 1616	T 1616 PE	1	1
T 114	—	1-1/4	1-1/4
T 112	—	1-1/2	1-1/2
		2	
T 200	—		2

Minimum order 50.

NOTES:

Temperature Ratings

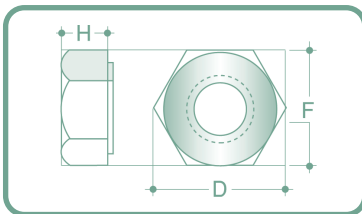
HDPE: -55° to +90°C
Nylon: -40° to +100°C



Nylon Hex Pipe Nuts

These natural nylon nuts are for use where insulation is desirable, such as plumbing, electrical work, etc.

Fit NPT sizes. Straight thread (available taper thread). Also see Nylon Locknuts, pages 92 or 131.



Part No.	F	D	H
PN 1/8*	.562	.640	.225
PN 1/4	.812	.943	.232
PN 3/8	1.000	1.130	.285
PN 1/2	1.250	1.400	.362
PN 3/4	1.500	1.700	.409

Minimum order 100.

* This size only double chamfered; all others washer-faced. All sizes also available taper tapped (NPT).