

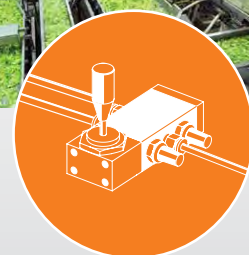
TOPRING

Compressed air solutions

Push-to-connect Fittings Pneumatic Tubings



Group 5 • Fluid Power



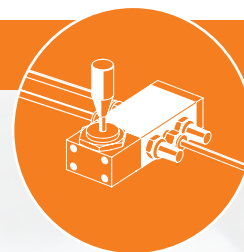


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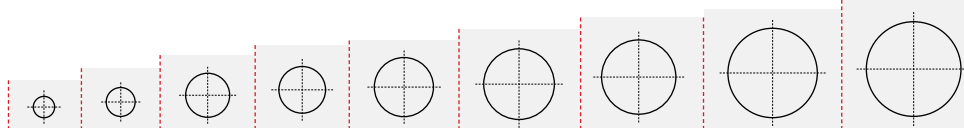


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THREAD AND TUBING SIZE • FULL SCALE CHART

PIPE THREAD TYPE						
National Pipe Thread Taper (American standard)	 NPT	1/8	1/4	3/8	1/2	
British Standard Pipe Thread Taper	 BSPT	1/8	1/4	3/8	1/2	
TUBING DIAMETER						
 IN	1/8	5/32	1/4	5/16	3/8	1/2
 MM	3	4	6	8	10	12

TOPFIT®

PUSH-TO-CONNECT FITTINGS • NICKEL-PLATED BRASS

Features and benefits

Quick connect design

One-piece fittings save over 75 % of assembly time compared to standard compression fittings.

Instantaneous connection / disconnection

No tool required for assembly

Full-flow design

Provides up to 60 % more flow than compression fittings

Fully reusable

Designed to resist multiple connections and disconnections with leak-free operations and solid tube gripping

Self-contained assembly

No loose parts or inserts

Applications

Compressed air and vacuum for use with calibrated polyethylene, nylon, polyurethane and soft metal tubing

Materials

Body and Ring: Nickel-plated brass

Seals: POM

Lock Claws: Stainless steel

O-Ring: Nitrile rubber

Specifications

Working Pressure:

Fittings suitable for use up to the maximum working pressure of pneumatic tubing used and with a maximum pressure of 290 PSI

Vacuum: 28" Hg

Working Temperature: -10 to 80 °C



TOPFIT® | NICKEL-PLATED BRASS | IN | NPT



MALE CONNECTOR

STRAIGHT





HEXAGONAL HOLE





Product No	 Tubing O.D. in	 Thread (M) NPT
39.100	1/8	10-32 ◇
39.104	1/8	1/8
39.106	5/32	10-32 ◇
39.108	5/32	1/8
39.110	5/32	1/4
39.111	1/4	10-32 ◇
39.112	1/4	1/8
39.113	1/4	3/8
39.114	1/4	1/4
39.115	5/16	1/8
39.116	5/16	1/4
39.117	5/16	3/8
39.118	3/8	1/8
39.120	3/8	1/4
39.122	3/8	3/8
39.124	3/8	1/2
39.126	1/2	1/4
39.128	1/2	3/8
39.130	1/2	1/2

10-32 ◇: (M) UNF

Product No	 Tubing O.D. in	 Thread (M) NPT
39.215	1/4	1/8
39.216	1/4	1/4
39.219	5/16	1/4
39.224	3/8	1/4
39.225	3/8	3/8

"Y"



Product No	 Tubing O.D. in	 Thread (M) NPT
39.355	1/4	1/8
39.356	1/4	1/4
39.363	3/8	1/4
39.364	3/8	3/8
39.368	1/2	1/2



FEMALE CONNECTOR



HEXAGONAL HOLE



BULKHEAD



Product No	 Tubing O.D. in	 Thread (F) NPT
39.332	5/32	1/8
39.334	1/4	1/8
39.336	1/4	1/4
39.337	5/16	1/4
39.338	3/8	1/4
39.340	3/8	3/8
39.342	1/2	1/4

Product No	 Tubing O.D. in	 Thread (F) NPT
39.570	1/4	1/8
39.571	1/4	1/4
39.579	3/8	3/8

SPEED CONTROLLER

WITH FLOW CONTROL VALVE



THREADED ELBOW




WITH FLOW CONTROL VALVE

STRAIGHT UNION



Meter-out	Meter-in	 Tubing O.D. in	 Thread (M) NPT
Product No	Product No		
39.700	39.701	1/4	1/8
39.705	39.706	1/4	1/4
39.708	---	5/16	1/4
39.710	39.711	3/8	1/4
39.712	39.713	3/8	3/8

Meter-out	 Tubing O.D. in
Product No	
39.720	5/32
39.721	1/4
39.722	5/16
39.723	3/8
39.724	1/2

UNION

STRAIGHT



ELBOW



TEE





"Y"





BULKHEAD




Product No	 Tubing O.D. in
39.160	1/8
39.162	5/32
39.164	1/4
39.165	5/16
39.168	3/8
39.170	1/2

Product No	 Tubing O.D. in
39.270	1/8
39.272	5/32
39.274	1/4
39.275	5/16
39.276	3/8
39.278	1/2

Product No	 Tubing O.D. in
39.540	1/8
39.542	5/32
39.544	1/4
39.546	5/16
39.548	3/8
39.550	1/2

Product No	 Tubing O.D. in
39.310	1/8
39.311	5/32
39.312	1/4
39.314	5/16
39.316	3/8

Product No	 Tubing O.D. in
39.582	5/32
39.584	1/4
39.585	5/16
39.586	3/8
39.588	1/2

TOPFIT® | NICKEL-PLATED BRASS | IN | NPT



MALE ELBOW

SWIVEL



NON-SWIVEL



Product No	 Tubing O.D. in	 Thread (M) NPT
39.235	1/8	10-32 ◇
39.240	1/8	1/8
39.242	5/32	10-32 ◇
39.244	5/32	1/8
39.246	5/32	1/4
39.247	1/4	10-32 ◇
39.248	1/4	1/8
39.249	1/4	3/8
39.250	1/4	1/4
39.251	5/16	1/8
39.252	5/16	1/4
39.253	5/16	3/8
39.254	3/8	1/8
39.256	3/8	1/4
39.258	3/8	3/8
39.260	3/8	1/2
39.262	1/2	1/4
39.264	1/2	3/8
39.266	1/2	1/2

10-32 ◇: (M) UNF



SWIVEL BANJO



- Specially designed to facilitate the connection of a tubing with a male threaded connection with a 90° angle

- Ideal when there are multiple fittings in a confined space



Product No	 Tubing O.D. in	 Thread (M) NPT
39.951	5/32	1/8
39.953	1/4	1/8
39.955	1/4	1/4
39.957	3/8	1/4
39.958	3/8	3/8



MALE BRANCH TEE



SWIVEL



SWIVEL RUN TEE





Product No	 Tubing O.D. in	 Thread (M) NPT
39.473	5/16	1/8
39.474	5/16	1/4
39.475	5/16	3/8
39.478	1/8	1/8
39.482	5/32	1/8
39.484	1/4	1/8
39.486	1/4	1/4
39.487	1/4	3/8
39.488	3/8	1/4
39.490	3/8	3/8
39.491	3/8	1/2
39.492	1/2	1/4
39.493	1/2	3/8
39.495	1/2	1/2

Product No	 Tubing O.D. in	 Thread (M) NPT
39.339	5/32	1/8
39.440	1/4	1/8
39.442	1/4	1/4
39.443	5/16	1/8
39.444	5/16	1/4
39.446	3/8	1/4
39.448	3/8	3/8

STEM ADAPTER


IN - IN



Product No	 ① Tubing O.D. in	 ② Stem O.D. in
39.158	5/16	1/4
39.161	1/8	5/32
39.163	5/32	1/4
39.166	1/4	3/8
39.167	3/8	5/16
39.169	3/8	1/2
39.171	1/2	1/4

PLUG





Product No	O.D. in 
39.600	1/8
39.601	5/32
39.602	1/4
39.603	5/16
39.604	3/8
39.605	1/2

REDUCER



STRAIGHT UNION



Product No	 Tubing O.D. in	 Tubing O.D. in
39.176	5/32	1/8
39.178	1/4	5/32
39.180	5/16	1/4
39.182	3/8	1/4
39.184	3/8	5/16
39.186	1/2	3/8

TEE



Product No	 Tubing O.D. in	 Tubing O.D. in
39.560	3/8	1/4
39.562	1/2	3/8

TOPFIT® | NICKEL-PLATED BRASS | MM | BSPT

MALE CONNECTOR

STRAIGHT



HEXAGONAL HOLE



FEMALE CONNECTOR



STRAIGHT





MALE ELBOW

SWIVEL







Product No	 Tubing O.D. mm	 Thread (M) BSPT
39.009	4	M5*
39.010	4	1/8
39.011	4	1/4
39.008	6	M5*
39.012	6	M6*
39.013	6	1/8
39.014	6	1/4
39.015	6	3/8
39.016	8	1/8
39.017	8	1/4
39.018	8	3/8
39.020	10	1/8
39.021	10	1/4
39.022	10	3/8
39.023	10	1/2
39.024	12	1/4
39.025	12	3/8
39.026	12	1/2

Product No	 Tubing O.D. mm	 Thread (M) BSPT
39.904	6	1/8
39.905	6	1/4
39.906	8	1/8
39.907	8	1/4
39.911	10	3/8

- Alle key type mounting
- For side by side installation



Product No	 Tubing O.D. mm	 Thread (F) BSPT
39.870	4	1/8
39.872	6	1/8
39.873	6	1/4
39.874	8	1/8
39.875	8	1/4

Product No	 Tubing O.D. mm	 Thread (M) BSPT
39.029	4	M5*
39.030	4	1/8
39.031	4	1/4
39.028	6	M5*
39.032	6	M6*
39.033	6	1/8
39.034	6	1/4
39.035	6	3/8
39.036	8	1/8
39.037	8	1/4
39.038	8	3/8
39.040	10	1/8
39.041	10	1/4
39.042	10	3/8
39.044	12	1/4
39.045	12	3/8
39.046	12	1/2

* Metric thread

* Metric thread

UNION

STRAIGHT



ELBOW



TEE





"Y "





BULKHEAD




Product No	 Tubing O.D. mm
39.810	4
39.812	6
39.814	8
39.816	10
39.818	12

Product No	 Tubing O.D. mm
39.830	4
39.832	6
39.834	8
39.836	10
39.838	12

Product No	 Tubing O.D. mm
39.840	4
39.842	6
39.844	8
39.846	10

Product No	 Tubing O.D. mm
39.880	4
39.882	6
39.884	8
39.886	10



Product No	 Tubing O.D. mm
39.820	4
39.822	6
39.824	8
39.825	10

TOPFIT® | NICKEL-PLATED BRASS | MM | BSPT

MALE BRANCH TEE

SWIVEL





Product No	 Tubing O.D. mm	 Thread (M) BSPT
39.049	4	M5*
39.050	4	1/8
39.053	6	1/8
39.054	6	1/4
39.055	6	3/8
39.056	8	1/4
39.057	8	3/8
39.061	10	1/4
39.062	10	3/8

* Metric thread



SWIVEL



Product No	 Tubing O.D. mm	 Thread (M) BSPT
39.850	4	1/8
39.853	6	1/8
39.854	6	1/4
39.856	8	1/4
39.857	8	3/8
39.861	10	1/4
39.862	10	3/8

SWIVEL RUN TEE




Product No	 Tubing O.D. mm	 Thread (M) BSPT
39.070	4	1/8
39.077	8	1/4
39.081	10	1/4
39.084	12	3/8

SPEED CONTROLLER

WITH FLOW CONTROL VALVE

STRAIGHT UNION





Meter-out Product No	 Tubing O.D. mm
39.943	4
39.944	6
39.945	8
39.946	10
39.947	12

REDUCER



STRAIGHT UNION



Product No	 Tubing O.D. mm	 Tubing O.D. mm
39.811	6	4
39.813	8	6
39.815	10	8
39.817	12	10


STEM ADAPTER



Product No	 ① Tubing O.D. mm	 ② Stem O.D. mm
39.090	4	6
39.091	6	8
39.092	8	10
39.094	10	12

PLUG



Product No	O.D. mm 
39.800	4
39.801	6
39.802	8
39.803	10
39.804	12



TOPFIT®

PUSH-TO-CONNECT FITTINGS

POLYMER

Features and benefits

Quick connect design

One-piece fitting saves over 75 % of assembly time compared to standard compression fittings

Compact design

Allows fittings to be closely mounted

Optimum flow

No part of the fitting goes inside the tubing for maximum unrestricted airflow

Instantaneous connection / disconnection

Wide release collar allows fast and trouble-free tubing removal

Fully reusable

Designed to resist multiple connections and disconnections with leak-free operations and solid tubing gripping

Tubing size identification

Tubing diameter indicated on release collar

Corrosion resistant threaded fittings

All threaded fittings are made of nickel-plated brass resistant to corrosion

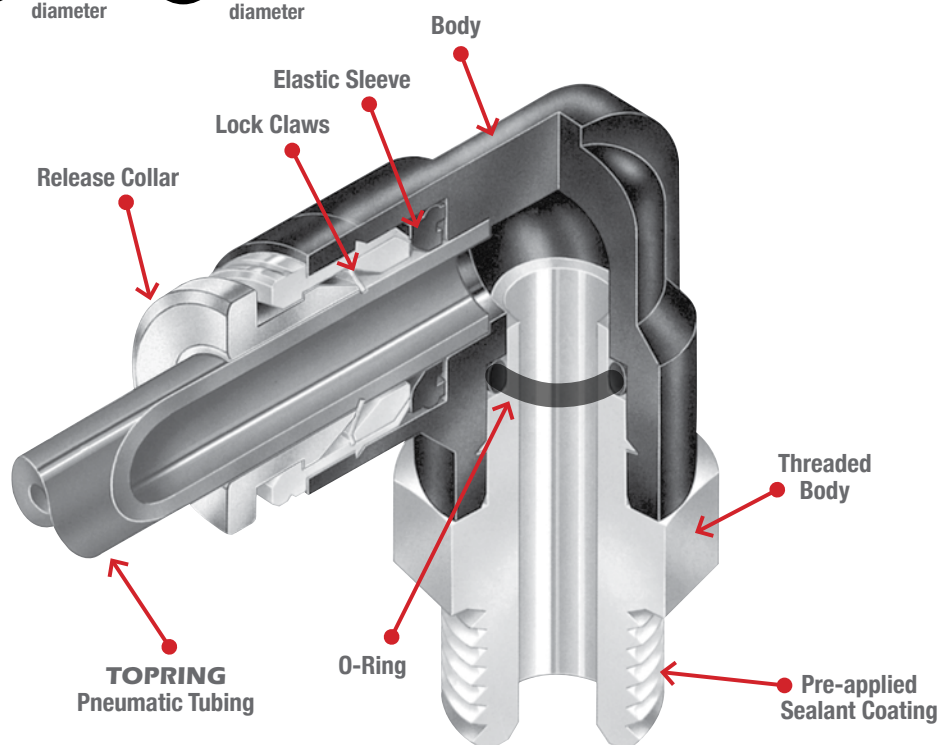
Release collar colors



White:
inch size
diameter



Black:
mm size
diameter



Applications

Compressed air, vacuum

Materials

Body: Polymer (PBT)

Release Collar: Polyacetal resin

Threaded Body: Nickel-plated brass

Lock Claws: Stainless steel

O-Ring: Nitrile rubber

Needle: Nickel-plated brass

Lock Nut: Aluminium

Elastic Sleeve: Nitrile rubber

Adjusting Screw: Nickel-plated brass

Specifications

Maximum Working Pressure: 150 PSI

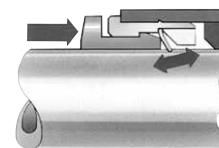
Working Temperature: 0 to 60 °C

NPT Thread / Series 40:

Tubing diameter in inches (imperial)

BSPT Thread / Series 42:

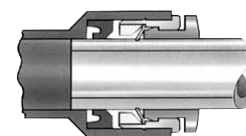
Tubing diameter in millimeters (metric)



POSITIVE GRIPPING ACTION

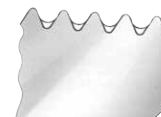
Stainless steel lock claws hold the tubing securely without damaging its surface

Vibration and pressure surges are safely absorbed to prevent accidental disconnections



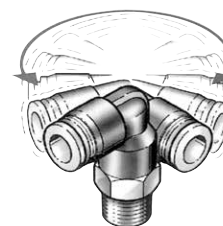
PERFECT SEAL

A nitrile rubber elastic sleeve guarantees a perfect seal between standard O.D. tubing and the body of the fitting



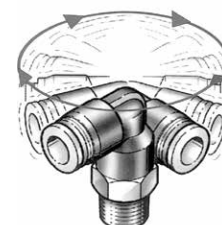
READY-TO-USE THREADS

Male threads have a pre-applied sealant which allows the fitting to be reused up to five times without the need for additional sealants



SWIVEL

Swivel elbows and tees can be oriented after installation for a perfect alignment with the tubing



ROTARY SWIVEL



The rotary swivel elbow will allow a rotative movement of 500 RPM

TOPFIT® | POLYMER | IN | NPT

MALE CONNECTOR

STRAIGHT





Product No	 Tubing O.D. in	 Thread (M) NPT
40.100	1/8	1/16
40.101	1/8	10-32 ◇
40.105	1/8	1/8
40.115	5/32	10-32 ◇
40.120	5/32	1/8
40.125	5/32	1/4
40.128	1/4	10-32 ◇
40.130	1/4	1/8
40.135	1/4	1/4
40.140	1/4	3/8
40.145	5/16	1/8
40.150	5/16	1/4
40.155	5/16	3/8
40.159	3/8	1/8
40.160	3/8	1/4
40.165	3/8	3/8
40.170	3/8	1/2
40.175	1/2	1/4
40.180	1/2	3/8
40.185	1/2	1/2

10-32 ◇: (M) UNF

HEXAGONAL HOLE





Product No	 Tubing O.D. in	 Thread (M) NPT
40.047	5/32	1/8
40.048	1/4	1/8
40.049	1/4	1/4
40.053	5/16	1/8
40.054	5/16	1/4
40.057	3/8	1/4
40.059	3/8	3/8

- Alle key type mounting
- For side by side installation



"Y"





Product No	 Tubing O.D. in	 Thread (M) NPT
40.708	5/32	10-32 ◇
40.710	5/32	1/8
40.715	5/32	1/4
40.720	1/4	1/8
40.725	1/4	1/4
40.730	1/4	3/8
40.735	5/16	1/8
40.740	5/16	1/4
40.745	5/16	3/8
40.750	3/8	1/4
40.755	3/8	3/8
40.760	3/8	1/2
40.765	1/2	1/4
40.770	1/2	3/8
40.775	1/2	1/2

10-32 ◇: (M) UNF

FEMALE CONNECTOR



STRAIGHT



Product No	 Tubing O.D. in	 Thread (F) NPT
40.802	5/32	1/8
40.804	1/4	1/8
40.805	1/4	1/4
40.807	5/16	1/4
40.809	3/8	1/4
40.810	3/8	3/8
40.811	1/2	1/4
40.812	1/2	3/8

BULKHEAD





Product No	 Tubing O.D. in	 Thread (F) NPT
40.633	1/4	1/8
40.635	1/4	1/4
40.637	5/16	3/8
40.638	5/16	1/4
40.639	3/8	1/4
40.640	3/8	3/8
40.641	1/2	3/8
40.642	1/2	1/2

MALE ELBOW



SWIVEL



Product No	 Tubing O.D. in	 Thread (M) NPT
40.218	1/8	10-32 ◇
40.220	1/8	1/16
40.225	1/8	1/8
40.235	5/32	10-32 ◇
40.240	5/32	1/8
40.245	5/32	1/4
40.248	1/4	10-32 ◇
40.250	1/4	1/8
40.255	1/4	1/4
40.260	1/4	3/8
40.265	5/16	1/8
40.270	5/16	1/4
40.271	5/16	3/8
40.273	3/8	1/8
40.275	3/8	1/4
40.280	3/8	3/8
40.285	3/8	1/2
40.290	1/2	1/4
40.295	1/2	3/8
40.300	1/2	1/2

LONG SWIVEL





Product No	 Tubing O.D. in	 Thread (M) NPT
40.781	5/32	10-32 ◇
40.782	5/32	1/8
40.785	1/4	1/8
40.786	1/4	1/4
40.788	5/16	1/8
40.789	5/16	1/4
40.790	5/16	3/8
40.792	3/8	1/4
40.793	3/8	3/8
40.797	1/2	3/8
40.798	1/2	1/2

10-32 ◇: (M) UNF

BANJO





Product No	 Tubing O.D. in	 Thread (M) NPT
40.950	5/32	10-32 ◇
40.951	5/32	1/8
40.949	1/4	1/4
40.952	1/4	10-32 ◇
40.953	1/4	1/8
40.954	5/16	1/8
40.955	5/16	1/4
40.957	3/8	1/4
40.958	3/8	3/8
40.959	1/2	3/8
40.960	1/2	1/2

10-32 ◇: (M) UNF

ROTARY SWIVEL *



Product No	 Tubing O.D. in	 Thread (M) NPT	Max RPM
40.600	1/4	1/8	500
40.601	1/4	1/4	500
40.602	5/16	1/8	400
40.603	5/16	1/4	400
40.604	3/8	3/8	300
40.605	3/8	1/2	300
40.606	1/2	3/8	250
40.607	1/2	1/2	250

* With build-in ball bearing

- Specially designed to facilitate the connection of a tubing with a male threaded connection with a 90° angle
- Ideal when there are multiple fittings in a confined space





TOPFIT® | POLYMER | IN | NPT

MALE BRANCH TEE

SWIVEL





Product No	 Tubing O.D. in	 Thread (M) NPT
40.335	1/8	1/8
40.344	5/32	10-32◇
40.345	5/32	1/8
40.350	5/32	1/4
40.360	1/4	1/8
40.365	1/4	1/4
40.370	1/4	3/8
40.375	5/16	1/8
40.380	5/16	1/4
40.385	5/16	3/8
40.390	3/8	1/4
40.395	3/8	3/8
40.400	3/8	1/2
40.405	1/2	1/4
40.410	1/2	3/8
40.415	1/2	1/2

10-32 ◇: (M) UNF

SWIVEL RUN TEE




Product No	 Tubing O.D. in	 Thread (M) NPT
40.455	1/8	1/8
40.464	5/32	10-32◇
40.465	5/32	1/8
40.467	5/32	1/4
40.475	1/4	1/8
40.480	1/4	1/4
40.485	1/4	3/8
40.490	5/16	1/8
40.495	5/16	1/4
40.500	5/16	3/8
40.505	3/8	1/4
40.510	3/8	3/8
40.515	3/8	1/2
40.520	1/2	1/4
40.525	1/2	3/8
40.530	1/2	1/2

10-32 ◇: (M) UNF

UNION


STRAIGHT



Product No	 Tubing O.D. in
40.190	1/8
40.195	5/32
40.200	1/4
40.205	5/16
40.210	3/8
40.215	1/2


ELBOW



Product No	 Tubing O.D. in
40.304	1/8
40.305	5/32
40.310	1/4
40.315	5/16
40.320	3/8
40.325	1/2


TEE



Product No	 Tubing O.D. in
40.420	1/8
40.425	5/32
40.430	1/4
40.435	5/16
40.440	3/8
40.445	1/2



BULKHEAD



Product No	 Tubing O.D. in
40.650	5/32
40.655	1/4
40.660	5/16
40.665	3/8
40.670	1/2

"Y"





Product No	 ① Tubing O.D. in	 ② Tubing O.D. in
40.535	1/8	1/8
40.540	5/32	5/32
40.543	5/32	1/4
40.545	1/4	1/4
40.548	1/4	5/16
40.550	5/16	5/16
40.551	5/16	3/8
40.552	3/8	3/8
40.553	3/8	1/2
40.554	1/2	1/2

REDUCER



STRAIGHT UNION



Product No	 Tubing O.D. in	 Tubing O.D. in
40.193	5/32	1/8
40.198	1/4	5/32
40.203	5/16	1/4
40.204	3/8	1/4
40.208	3/8	5/16
40.213	1/2	3/8

TEE





Product No	 ① Tubing O.D. in	 ② Tubing O.D. in
40.575	1/4	5/32
40.576	5/16	1/4
40.577	3/8	1/4
40.578	3/8	5/16
40.579	1/2	3/8

STEM ADAPTER



IN - IN



Product No	 ① Tubing O.D. in	 ② Stem O.D. in
40.580	5/32	1/4
40.581	5/32	5/16
40.582	1/4	5/16
40.583	1/4	3/8
40.584	5/16	3/8
40.585	1/4	1/2
40.586	5/16	1/2
40.587	3/8	1/2


IN - MM



Product No	 ① Tubing O.D. in	 ② Stem O.D. mm
42.820	1/4	8
42.822	1/4	10
42.823	5/16	10
42.825	1/4	12
42.826	5/16	12
42.827	3/8	12

PLUG

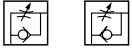




Product No	O.D. in 
40.675	1/8
40.680	5/32
40.685	1/4
40.690	5/16
40.695	3/8
40.700	1/2

TOPFIT® | POLYMER | IN | NPT

SPEED CONTROLLER

WITH FLOW CONTROL VALVE THREADED ELBOW




Meter-out Product No	Meter-in Product No	 Tubing O.D. in	 Thread (M) NPT
40.898	40.899	5/32	10-32 ◇
40.900	40.901	5/32	1/8
40.902	40.903	1/4	10-32 ◇
40.904	40.905	1/4	1/8
40.906	40.907	1/4	1/4
40.908	40.909	5/16	1/8
40.910	40.911	5/16	1/4
40.912	40.913	5/16	3/8
40.916	40.917	3/8	1/4
40.918	40.919	3/8	3/8
40.922	40.923	1/2	3/8
40.924	40.925	1/2	1/2

10-32 ◇: (M) UNF



WITH FLOW CONTROL VALVE STRAIGHT UNION



Meter-out Product No	 Tubing O.D. in
40.890	5/32
40.891	1/4
40.892	5/16
40.893	3/8
40.894	1/2

WITHOUT FLOW CONTROL VALVE THREADED ELBOW





Product No	 Tubing O.D. in	 Thread (M) NPT
40.870	1/4	10-32 ◇
40.871	1/4	1/8
40.872	1/4	1/4
40.874	5/16	1/8
40.875	5/16	1/4
40.876	5/16	3/8
40.878	3/8	1/4
40.879	3/8	3/8
40.880	3/8	1/2
40.882	1/2	3/8
40.883	1/2	1/2

10-32 ◇: (M) UNF

MINIATURE BALL VALVE



STRAIGHT UNION



Product No	 ① Tubing O.D. in	 ② Tubing O.D. in
40.930	1/4	1/4
40.931	5/16	5/16
40.933	3/8	3/8
40.934	1/2	1/2

STRAIGHT THREADED



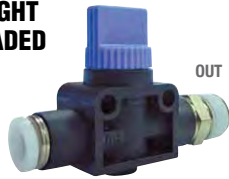
Product No	 Tubing O.D. in	 Thread (M) NPT
40.940	1/4	1/8
40.941	1/4	1/4
40.942	1/4	3/8
40.943	5/16	1/8
40.944	5/16	1/4
40.945	3/8	1/4
40.946	3/8	3/8
40.947	3/8	1/2

MINIATURE HAND VALVE

STRAIGHT UNION

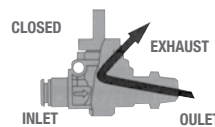



STRAIGHT THREADED





The 2-Way miniature hand valve does not discharge the residual pressure

The 3-Way miniature hand valve, when closed, discharges residual pressure





2-Way Product No	3-Way Product No	 Tubing O.D. in
40.060	40.070	1/4
40.062	40.072	5/16
40.063	40.073	3/8
40.065	40.075	1/2

2-Way Product No	3-Way Product No	 Tubing O.D. in	 Thread (M) NPT
40.080	40.090	1/4	1/4
40.082	40.092	5/16	1/4
40.083	40.093	3/8	1/4
40.084	40.094	3/8	3/8
40.087	40.097	1/2	3/8

DISTRIBUTOR



DOUBLE TRIPLE UNION



Product No	 ① Tubing O.D. in	 ② Tubing O.D. in
40.972	1/4	3/8

TRIPLE UNION





Product No	 ① Tubing O.D. in	 ② Tubing O.D. in
40.976	1/4	3/8

CHECK VALVE


STRAIGHT THREADED



Product No	 Tubing O.D. in	 Thread (M) NPT
40.980	5/32	1/8
40.981	1/4	1/8
40.982	1/4	1/4

UNION



Product No	 Tubing O.D. in
40.985	5/32
40.986	1/4

The check valve allows free flow from the inlet and blocks flow in the reverse direction





TOPFIT® | POLYMER | MM | BSPT

MALE CONNECTOR

STRAIGHT






Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.100	4	M5*
42.105	4	1/8
42.110	4	1/4
42.115	6	M5*
42.116	6	M6*
42.130	6	1/8
42.135	6	1/4
42.136	6	3/8
42.140	8	1/8
42.145	8	1/4
42.150	8	3/8
42.153	10	1/8
42.155	10	1/4
42.160	10	3/8
42.161	10	1/2
42.163	12	1/4
42.165	12	3/8
42.170	12	1/2

* Metric thread

HEXAGONAL HOLE



Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.039	4	M5*
42.041	4	1/8
42.038	6	M5*
42.042	6	1/8
42.043	6	1/4
42.044	8	1/8
42.045	8	1/4
42.046	8	3/8
42.047	10	1/4
42.048	10	3/8
42.049	12	3/8
42.050	12	1/2



 * Metric thread

- Allen key type mounting
- For side by side installation



"Y"





Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.708	4	M5*
42.710	4	1/8
42.720	6	1/8
42.725	6	1/4
42.735	8	1/8
42.740	8	1/4
42.745	8	3/8
42.754	10	1/4
42.755	10	3/8
42.760	12	3/8
42.761	12	1/2

* Metric thread

FEMALE CONNECTOR

STRAIGHT



Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.203	4	1/8
42.205	6	1/8
42.210	6	1/4
42.215	8	1/8
42.212	8	1/4
42.213	8	3/8
42.216	10	1/4

MALE ELBOW

SWIVEL



LONG SWIVEL ELBOW





BANJO



MALE BRANCH TEE

SWIVEL





Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.640	4	M5*
42.645	4	1/8
42.646	4	1/4
42.660	6	1/8
42.662	6	1/4
42.665	6	3/8
42.670	8	1/8
42.675	8	1/4
42.676	8	3/8
42.680	10	1/4
42.681	10	3/8
42.683	12	1/4
42.684	12	3/8
42.685	12	1/2



* Metric thread

SWIVEL RUN TEE





Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.475	4	M5*
42.477	4	1/8
42.481	6	1/8
42.482	6	1/4
42.485	8	1/8
42.486	8	1/4
42.487	8	3/8
42.490	10	1/4
42.491	10	3/8
42.495	12	3/8
42.496	12	1/2

* Metric thread

Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.594	4	M3*
42.595	4	M5*
42.600	4	1/8
42.603	4	1/4
42.613	6	M5*
42.614	6	M6*
42.615	6	1/8
42.620	6	1/4
42.623	6	3/8
42.625	8	1/8
42.630	8	1/4
42.632	8	3/8
42.633	10	1/8
42.635	10	1/4
42.636	10	3/8
42.634	10	1/2
42.637	12	1/4
42.638	12	3/8
42.639	12	1/2

* Metric thread

Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.781	4	M5*
42.782	4	1/8
42.785	6	1/8
42.786	6	1/4
42.788	8	1/8
42.789	8	1/4
42.790	8	3/8
42.792	10	1/4
42.793	10	3/8
42.797	12	3/8
42.798	12	1/2

* Metric thread

- Specially designed to facilitate the connection of a tubing with a male threaded connection with a 90° angle
- Ideal when there are multiple fittings in a confined space




TOPFIT® | POLYMER | MM | BSPT

UNION


STRAIGHT



Product No	 Tubing O.D. mm
42.230	4
42.235	6
42.240	8
42.245	10
42.250	12


ELBOW



Product No	 Tubing O.D. mm
42.260	4
42.270	6
42.275	8
42.280	10
42.285	12


TEE



Product No	 Tubing O.D. mm
42.295	4
42.305	6
42.310	8
42.315	10
42.320	12



BULKHEAD



Product No	 Tubing O.D. mm
42.560	4
42.570	6
42.575	8
42.580	10
42.585	12

"Y"





Product No	 ① Tubing O.D. mm	 ② Tubing O.D. mm
42.540	4	4
42.543	4	6
42.545	6	6
42.548	6	8
42.550	8	8
42.551	8	10
42.552	10	10
42.553	10	12
42.554	12	12

REDUCER

STRAIGHT UNION





Product No	 Tubing O.D. mm	 Tubing O.D. mm
42.233	6	4
42.238	8	6
42.243	10	8
42.248	12	10

STEM REDUCER



MM - MM



Product No	 Tubing O.D. mm	 Stem O.D. mm
42.586	4	6
42.588	6	8
42.470	6	10
42.590	8	10
42.472	6	12
42.592	10	12


IN - MM



Product No	 ① Tubing O.D. in	 ② Stem O.D. mm
42.820	1/4	8
42.822	1/4	10
42.823	5/16	10
42.825	1/4	12
42.826	5/16	12
42.827	3/8	12

PLUG





Product No	O.D. mm 
42.430	4
42.435	6
42.440	8
42.445	10
42.450	12

SPEED CONTROLLER

WITH FLOW CONTROL VALVE

THREADED ELBOW




Meter-out Product No	Meter-in Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.902	42.903	4	M5*
42.904	42.905	4	1/8
42.908	42.909	6	M5*
42.910	42.911	6	1/8
42.912	42.913	6	1/4
42.916	42.917	8	1/8
42.918	42.919	8	1/4
42.920	42.921	8	3/8
42.922	42.923	8	1/2
42.924	42.925	10	1/4
42.926	42.927	10	3/8
42.930	42.931	12	3/8
42.932	42.933	12	1/2

WITH FLOW CONTROL VALVE

STRAIGHT UNION





Meter-out Product No	 Tubing O.D. mm
42.890	4
42.891	6
42.892	8
42.893	10
42.894	12

WITHOUT FLOW CONTROL VALVE

THREADED ELBOW




Product No	 Tubing O.D. mm	 Thread (M) BSPT
42.870	4	M5*
42.873	6	1/8
42.874	6	1/4
42.876	8	1/8
42.877	8	1/4
42.878	8	3/8
42.880	10	1/4
42.881	10	3/8
42.883	12	3/8
42.884	12	1/2

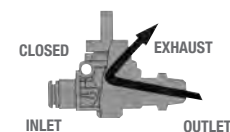
* Metric thread

MINIATURE HAND VALVE

STRAIGHT UNION



2-Way Product No	3-Way Product No	 Tubing O.D. mm
42.070	42.060	4
42.071	42.061	6
42.073	42.063	8
42.074	42.064	10



The 2-Way miniature hand valve does not discharge the residual pressure

The 3-Way miniature hand valve, when closed, discharge residual pressure

TOPFIT®

PUSH-TO-CONNECT FITTINGS

316 STAINLESS STEEL

Features and benefits

Quick Connect

One-piece fitting saves over 75 % of assembly time compared to standard compression fittings

Instantaneous connection/disconnection

Designed for fast assembly and disassembly without tools

Full-flow design

Provides up to 60 % more flow than compression fittings

Fully reusable

Designed to resist multiple connections and disconnections with leak-free operations and solid tube gripping

Positive seal

Proper insertion of the tubing in the fitting creates seal

Self-contained assembly

No loose parts or inserts

Applications

Compressed air, vacuum, food processing, chemical products, medical, manufacturing of semiconductors

Materials

Push-to-connect fittings made from components and materials that meet the FDA requirements (Food and Drug Administration)



Body and Ring: 316 Stainless Steel

Lock Claws: 316 Stainless Steel

O-Ring: FKM (fluoroelastomer)

Specifications

Working Pressure:

Fitting suitable for use up to maximum working pressure of plastic tubing used

Maximum Working Pressure: 217 PSI

Suitable for vacuum service: to 28" Hg

Working Temperature: -15 °to 120 °C



MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (M) NPT
43.000	5/32	1/8
43.003	1/4	1/8
43.006	1/4	1/4
43.009	5/16	1/8
43.012	5/16	1/4
43.015	5/16	3/8
43.018	3/8	1/4
43.021	3/8	3/8
43.024	1/2	1/4
43.027	1/2	3/8
43.030	1/2	1/2

MALE ELBOW

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
43.040	5/32	1/8
43.043	1/4	1/8
43.046	1/4	1/4
43.049	5/16	1/8
43.052	5/16	1/4
43.055	5/16	3/8
43.058	3/8	1/8
43.061	3/8	1/4
43.064	3/8	3/8
43.067	1/2	1/4
43.070	1/2	3/8
43.073	1/2	1/2

UNION

STRAIGHT



Product No	Tubing O.D. in
43.200	5/32
43.203	1/4
43.206	5/16
43.209	3/8
43.212	1/2

ELBOW



Product No	Tubing O.D. in
43.280	5/32
43.283	1/4
43.286	5/16
43.289	3/8
43.292	1/2

TEE



Product No	Tubing O.D. in
43.332	5/32
43.320	1/4
43.329	5/16
43.323	3/8
43.326	1/2

BULKHEAD



Product No	Tubing O.D. in
43.250	1/4
43.253	5/16
43.256	3/8
43.259	1/2

MALE BRANCH TEE

SWIVEL TEE



Product No	Tubing O.D. in	Thread (M) NPT
43.150	5/32	1/8
43.153	1/4	1/8
43.156	1/4	1/4
43.159	5/16	1/8
43.162	5/16	1/4
43.165	5/16	3/8
43.168	3/8	1/4
43.171	3/8	3/8
43.174	1/2	1/4
43.177	1/2	3/8
43.180	1/2	1/2

SWIVEL RUN TEE



Product No	Tubing O.D. in	Thread (M) NPT
43.090	5/32	1/8
43.093	1/4	1/8
43.096	1/4	1/4
43.099	5/16	1/8
43.102	5/16	1/4
43.105	5/16	3/8
43.108	3/8	1/8
43.111	3/8	1/4
43.114	3/8	3/8
43.117	1/2	1/4
43.120	1/2	3/8
43.123	1/2	1/2



STEM REDUCER

IN - IN





Product No	Tubing O.D. in ①	Stem O.D. in ②
43.230	5/32	1/4
43.233	1/4	3/8
43.236	5/16	3/8
43.239	3/8	1/2


TOPFIT®**STAINLESS STEEL 316**
 **MM** |  **BSPT**
MALE CONNECTOR**STRAIGHT****HEXAGONAL HOLE****MALE ELBOW****SWIVEL****MALE BRANCH TEE****SWIVEL**



Product No	 Tubing O.D. mm	 Thread (M) BSPT
43.500	4	M5*
43.503	4	1/8
43.506	6	M5*
43.509	6	1/8
43.512	6	1/4
43.515	8	1/8
43.518	8	1/4
43.521	10	1/4
43.524	10	3/8
43.527	12	3/8
43.530	12	1/2
43.533	16	1/2

*Metric thread



Product No	 Tubing O.D. mm	 Thread (M) BSPT
43.880	4	M5*
43.883	4	1/8
43.886	6	M5*
43.889	6	1/8
43.892	6	1/4
43.895	8	1/8
43.898	8	1/4
43.901	10	1/4
43.904	10	3/8
43.907	12	3/8
43.910	12	1/2
43.913	16	1/2

*Metric thread

-  Allen key type mounting
- Specifically designed for mounting in close proximity to one another


Product No	 Tubing O.D. mm	 Thread (M) BSPT
43.540	4	M5*
43.543	4	1/8
43.546	6	M5*
43.549	6	1/8
43.552	6	1/4
43.555	8	1/8
43.558	8	1/4
43.561	10	1/4
43.564	10	3/8
43.567	12	3/8
43.570	12	1/2
43.573	16	1/2


*Metric thread


Product No	 Tubing O.D. mm	 Thread (M) BSPT
43.590	4	1/8
43.593	6	M5*
43.596	6	1/8
43.599	6	1/4
43.602	8	1/8
43.605	8	1/4
43.608	10	1/4
43.611	10	3/8
43.614	12	3/8
43.617	12	1/2
43.620	16	1/2


*Metric thread

UNION**STRAIGHT****ELBOW****TEE****BULKHEAD**



Product No	 Tubing O.D. mm
43.700	4
43.703	6
43.706	8
43.709	10
43.712	12
43.715	16

Product No	 Tubing O.D. mm
43.780	4
43.783	6
43.786	8
43.789	10
43.792	12
43.795	16



Product No	 Tubing O.D. mm
43.820	4
43.823	6
43.826	8
43.829	10
43.832	12
43.835	16

Product No	 Tubing O.D. mm
43.745	4
43.747	6
43.748	8
43.749	10
43.751	12
43.753	16

REDUCER**UNION**

Product No	 ① Tubing O.D. mm	 ② Tubing O.D. mm
43.730	4	6
43.733	6	8
43.736	8	10
43.739	10	12
43.742	12	16

STEM REDUCER**MM - MM**

Product No	 ① Tubing O.D. mm	 ② Stem O.D. mm
43.720	4	6
43.723	6	8
43.726	8	10

MAXFIT®

PUSH-TO-CONNECT FITTINGS

POLYMER

Features and benefits

Quick connect design

One-piece fitting saves over 75 % of assembly time compared to standard compression fittings

Compact design

Allows fittings to be closely mounted

Optimum flow

No part of the fitting goes inside the tubing - unrestricted tubing I.D. allows for maximum airflow

Quick and easy connection

Wide release collar allows fast and trouble-free tubing removal

Instantaneous connection / disconnection

Designed for fast assembly, disassembly and reassembly without tools

Fully reusable

Designed for multiple connections and disconnections with leak-free operations and solid tubing gripping

Tubing size identification

Tubing diameter indicated on release collar

Corrosion resistant threaded fittings

All threaded fittings are made of nickel-plated brass

Applications

Compressed air and vacuum

Materials

Body: Polymer (PBT)

Release Collar: Polyacetal resin

Threaded Body: Nickel-plated brass

Lock Claws: Stainless steel

O-Ring: Nitrile rubber

Needle: Nickel-plated brass

Lock Nut: Aluminium

Elastic Sleeve: Nitrile rubber

Adjusting Screw: Nickel-plated brass

Specifications

Maximum Working Pressure: 150 PSI

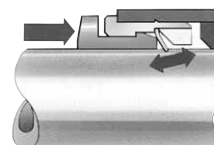
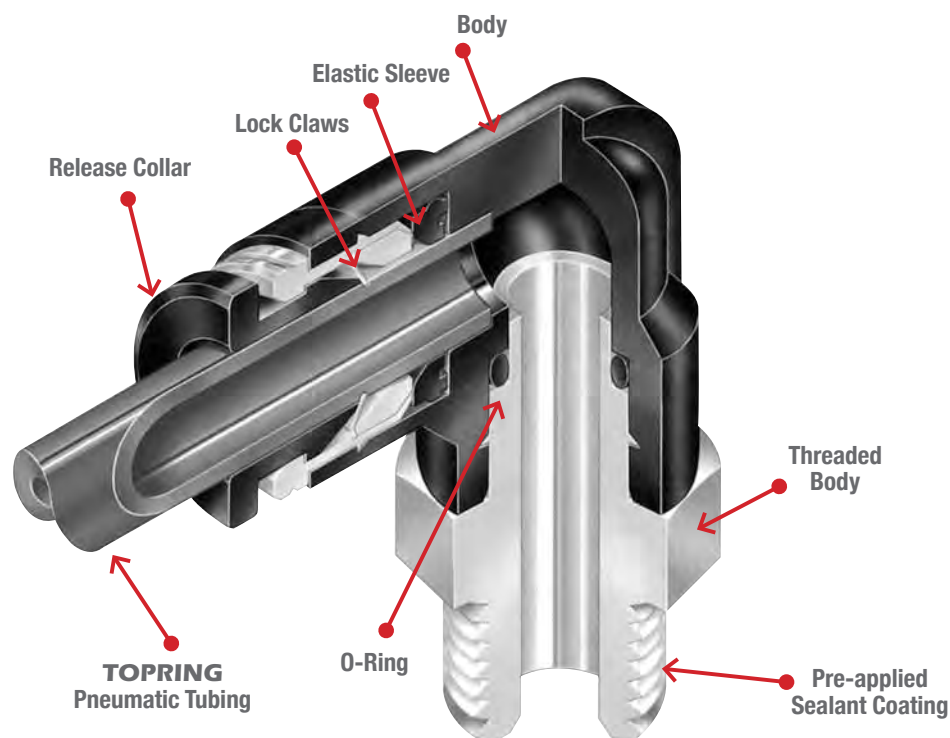
Working Temperature: 0 °C to 60 °C

NPT Thread / series 44:

Tubing diameter in inches (imperial)

BSPT Thread / series 46:

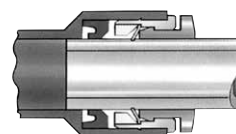
Tubing diameter in millimeters (metric)



POSITIVE GRIPPING ACTION

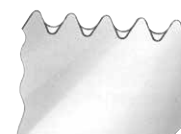
Stainless steel lock claws hold the tubing securely without damaging its surface

Vibration and pressure surges are safely absorbed to prevent accidental disconnections



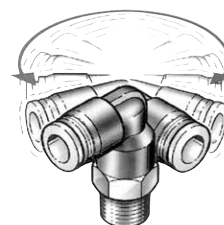
PERFECT SEAL

A nitrile rubber elastic sleeve guarantees a perfect seal between standard O.D. tubing and the body of the fitting



READY-TO-USE THREADS

Male threads have a pre-applied sealant which allows the fitting to be reused up to five times without the need for additional sealants



SWIVEL



Swivel elbows and tees can be oriented after installation for a perfect alignment with the tubing

MAXFIT® | POLYMER | IN | NPT

MALE CONNECTOR



STRAIGHT



Product No	 Tubing O.D. in	 Thread (M) NPT
44.101	1/8	10-32 ◇
44.105	1/8	1/8
44.115	5/32	10-32 ◇
44.120	5/32	1/8
44.125	5/32	1/4
44.128	1/4	10-32 ◇
44.130	1/4	1/8
44.135	1/4	1/4
44.140	1/4	3/8
44.145	5/16	1/8
44.150	5/16	1/4
44.155	5/16	3/8
44.159	3/8	1/8
44.160	3/8	1/4
44.165	3/8	3/8
44.170	3/8	1/2
44.175	1/2	1/4
44.180	1/2	3/8
44.185	1/2	1/2



HEXAGONAL HOLE



Product No	 Tubing O.D. in	 Thread (M) NPT
44.047	5/32	1/8
44.048	1/4	1/8
44.049	1/4	1/4
44.053	5/16	1/8
44.054	5/16	1/4
44.057	3/8	1/4
44.059	3/8	3/8

"Y"



Product No	 Tubing O.D. in	 Thread (M) NPT
44.720	1/4	1/8
44.725	1/4	1/4
44.730	1/4	3/8
44.750	3/8	1/4
44.755	3/8	3/8
44.760	3/8	1/2
44.775	1/2	1/2




- Allen key type mounting
- Specifically designed for mounting in close proximity to one another

10-32 ◇: (M) UNF

UNION


STRAIGHT



Product No	 Tubing O.D. in
44.190	1/8
44.195	5/32
44.200	1/4
44.205	5/16
44.210	3/8
44.215	1/2


ELBOW



Product No	 Tubing O.D. in
44.304	1/8
44.305	5/32
44.310	1/4
44.315	5/16
44.320	3/8
44.325	1/2



TEE



Product No	 Tubing O.D. in
44.420	1/8
44.425	5/32
44.430	1/4
44.435	5/16
44.440	3/8
44.445	1/2


"Y"



Product No	 Tubing O.D. in ①	 Tubing O.D. in ②
44.535	1/8	1/8
44.540	5/32	5/32
44.545	1/4	1/4
44.550	5/16	5/16
44.552	3/8	3/8
44.553	3/8	1/2
44.554	1/2	1/2

BULKHEAD





Product No	 Tubing O.D. in
44.650	5/32
44.655	1/4
44.660	5/16
44.665	3/8
44.670	1/2

REDUCER



STRAIGHT UNION



Product No	 Tubing O.D. in	 Tubing O.D. in
44.198	1/4	5/32
44.203	5/16	1/4
44.208	3/8	5/16
44.204	1/4	3/8
44.213	1/2	3/8

TEE





Product No	 Tubing O.D. in ①	 Tubing O.D. in ②
44.576	5/16	1/4
44.577	3/8	1/4
44.579	1/2	3/8

STEM REDUCER

IN - IN





Product No	 Tubing O.D. in ①	 Stem O.D. in ②
44.580	5/32	1/4
44.582	1/4	5/16
44.583	1/4	3/8
44.584	3/8	5/16
44.585	1/2	1/4
44.587	3/8	1/2

FEMALE CONNECTOR



STRAIGHT



Product No	 Tubing O.D. in	 Thread (F) NPT
44.801	1/8	1/8
44.802	5/32	1/8
44.804	1/4	1/8
44.805	1/4	1/4
44.807	5/16	1/4
44.809	3/8	1/4
44.810	3/8	3/8
44.811	1/2	1/4
44.812	1/2	3/8

BULKHEAD





Product No	 Tubing O.D. in	 Thread (F) NPT
44.633	1/4	1/8
44.635	1/4	1/4
44.637	5/16	3/8
44.638	5/16	1/4
44.639	3/8	1/4
44.640	3/8	3/8
44.641	1/2	3/8
44.642	1/2	1/2

MALE ELBOW



BANJO



Product No	 Tubing O.D. in	 Thread (M) NPT
44.825	1/4	1/8
44.826	1/4	1/4
44.828	5/16	1/4
44.829	3/8	1/4

SWIVEL



Product No	 Tubing O.D. in	 Thread (M) NPT
44.218	1/8	10-32 ◇
44.225	1/8	1/8
44.235	5/32	10-32 ◇
44.240	5/32	1/8
44.245	5/32	1/4
44.248	1/4	10-32 ◇
44.250	1/4	1/8
44.255	1/4	1/4
44.260	1/4	3/8
44.265	5/16	1/8
44.270	5/16	1/4
44.271	5/16	3/8
44.273	3/8	1/8
44.275	3/8	1/4
44.280	3/8	3/8
44.285	3/8	1/2
44.290	1/2	1/4
44.295	1/2	3/8
44.300	1/2	1/2



10-32 ◇: (M) UNF

MAXFIT® | POLYMER | IN | NPT

MALE BRANCH TEE

SWIVEL





Product No	 Tubing O.D. in	 Thread (M) NPT
44.340	1/8	1/8
44.343	5/32	10-32 ◇
44.345	5/32	1/8
44.350	5/32	1/4
44.360	1/4	1/8
44.365	1/4	1/4
44.370	1/4	3/8
44.375	5/16	1/8
44.380	5/16	1/4
44.385	5/16	3/8
44.390	3/8	1/4
44.395	3/8	3/8
44.400	3/8	1/2
44.405	1/2	1/4
44.410	1/2	3/8
44.415	1/2	1/2

10-32 ◇ : (M) UNF

SWIVEL RUN TEE




Product No	 Tubing O.D. in	 Thread (M) NPT
44.475	1/4	1/8
44.480	1/4	1/4
44.485	1/4	3/8
44.490	5/16	1/8
44.495	5/16	1/4
44.505	3/8	1/4
44.510	3/8	3/8

MINIATURE HAND VALVE

STRAIGHT UNION





3-Way Product No	 Tubing O.D. in
44.070	1/4
44.073	3/8
44.075	1/2

The 3-Way miniature hand valve, when closed, discharges residual pressure

MINIATURE BALL VALVE



STRAIGHT UNION



Product No	 Tubing O.D. in	 Thread (M) NPT
44.930	1/4	1/4
44.931	5/16	5/16


STRAIGHT THREADED



Product No	 ① Tubing O.D. in	 ② Tubing O.D. in
44.941	1/4	1/4

PLUG





Product No	 O.D. in
44.675	1/8
44.680	5/32
44.685	1/4
44.690	5/16
44.695	3/8
44.700	1/2

DISTRIBUTOR

TRIPLE UNION





Product No	 ① Tubing O.D. in	 ② Tubing O.D. in
44.976	1/4	3/8

SPEED CONTROLLER

WITH FLOW CONTROL VALVE

THREADED ELBOW

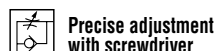




Meter-out Product No	Meter-in Product No	 Tubing O.D. in	 Thread (M) NPT
44.898	--	5/32	10-32 ◇
44.900	44.901	5/32	1/8
44.902	44.903	1/4	10-32 ◇
44.904	44.905	1/4	1/8
44.908	44.909	1/4	1/4
44.910	44.911	3/8	1/4
44.912	44.913	3/8	3/8
44.916	44.917	5/16	1/4
44.918	44.919	5/16	3/8
44.924	--	1/2	1/2

10-32 ◇ : (M) UNF

WITH FLOW CONTROL VALVE

THREADED ELBOW




Meter-out Product No	 Tubing O.D. in	 Thread (M) NPT
44.962	1/4	1/8
44.964	1/4	1/4
44.974	3/8	1/4
44.975	3/8	3/8

WITH FLOW CONTROL VALVE

STRAIGHT UNION





Meter-out Product No	 Tubing O.D. in
44.950	5/32
44.952	1/4
44.954	5/16
44.956	3/8
44.958	1/2

WITHOUT FLOW CONTROL VALVE

THREADED ELBOW



Product No	 Tubing O.D. in	 Thread (M) NPT
44.870	1/4	10-32 ◇
44.871	1/4	1/8
44.872	1/4	1/4
44.874	5/16	1/8
44.875	5/16	1/4
44.878	3/8	1/4
44.879	3/8	3/8
44.880	3/8	1/2
44.883	1/2	1/2



10-32 ◇ : (M) UNF


CHECK VALVE

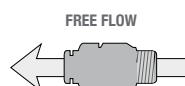
STRAIGHT THREADED UNION



The check valve allows free flow from the inlet and blocks flow in the reverse direction

Product No	 Tubing O.D. in	 Thread (M) NPT
44.981	1/4	1/8

Product No	 Tubing O.D. in
44.985	5/32
44.986	1/4





MAXFIT® | POLYMER | MM | BSPT

MALE CONNECTOR

STRAIGHT





Product No	 Tubing O.D. mm	 Thread (M) BSPT
46.100	4	M5*
46.105	4	1/8
46.110	4	1/4
46.115	6	M5*
46.116	6	M6*
46.130	6	1/8
46.135	6	1/4
46.136	6	3/8
46.140	8	1/8
46.145	8	1/4
46.150	8	3/8
46.151	8	1/2
46.155	10	1/4
46.160	10	3/8
46.161	10	1/2
46.163	12	1/4
46.165	12	3/8
46.170	12	1/2

*Metric thread

HEXAGONAL HOLE



Product No	 Tubing O.D. mm	 Thread (M) BSPT
46.039	4	M5*
46.041	4	1/8
46.040	4	1/4
46.038	6	M5*
46.042	6	1/8
46.043	6	1/4
46.044	8	1/8
46.045	8	1/4
46.046	8	3/8
46.047	10	1/4
46.048	10	3/8



*Metric thread



- Allen key type mounting
- Specifically designed for mounting in close proximity to one another

"Y"





Product No	 Tubing O.D. mm	 Thread (M) BSPT
46.710	4	1/8
46.715	4	1/4
46.720	6	1/8
46.725	6	1/4
46.740	8	1/4
46.745	8	3/8

MALE ELBOW

SWIVEL





Product No	 Tubing O.D. mm	 Thread (M) BSPT
46.595	4	M5*
46.600	4	1/8
46.603	4	1/4
46.613	6	M5*
46.614	6	M6*
46.615	6	1/8
46.620	6	1/4
46.623	6	3/8
46.625	8	1/8
46.630	8	1/4
46.632	8	3/8
46.631	8	1/2
46.633	10	1/8
46.635	10	1/4
46.636	10	3/8
46.634	10	1/2
46.637	12	1/4
46.638	12	3/8
46.639	12	1/2

*Metric thread

MALE BRANCH TEE

SWIVEL





Product No	 Tubing O.D. mm	 Thread (M) BSPT
46.640	4	M5*
46.645	4	1/8
46.646	4	1/4
46.660	6	1/8
46.662	6	1/4
46.665	6	3/8
46.670	8	1/8
46.675	8	1/4
46.676	8	3/8
46.679	10	1/8
46.680	10	1/4
46.681	10	3/8
46.683	12	1/4

FEMALE CONNECTOR

STRAIGHT




Product No	 Tubing O.D. mm	 Thread (F) BSPT
46.205	6	1/8
46.206	6	1/4
46.209	8	1/8
46.210	8	1/4
46.214	10	1/4

UNION


STRAIGHT



Product No	 Tubing O.D. mm
46.230	4
46.235	6
46.240	8
46.245	10
46.250	12


ELBOW



Product No	 Tubing O.D. mm
46.260	4
46.270	6
46.275	8
46.280	10
46.285	12



TEE



Product No	 Tubing O.D. mm
46.295	4
46.305	6
46.310	8
46.315	10
46.320	12


"Y"



Product No	 Tubing O.D. mm ①	 Tubing O.D. mm ②
46.540	4	4
46.543	4	6
46.545	6	6
46.550	8	8
46.552	10	10


BULKHEAD



Product No	 Tubing O.D. mm
46.560	4
46.570	6
46.575	8
46.580	10

PLUG



Product No	 O.D. mm
46.430	4
46.435	6
46.440	8
46.445	10
46.450	12



MAXFIT® | POLYMER | MM | BSPT

SPEED CONTROLLER

WITH FLOW CONTROL VALVE

THREADED ELBOW




Meter-out Product No	Meter-in Product No	 Tubing O.D. mm	 Thread (M) BSPT
46.902	--	4	M5*
46.904	--	4	1/8
46.906	--	4	1/4
46.908	46.909	6	M5*
46.910	46.911	6	1/8
46.912	46.913	6	1/4
46.914	46.917	8	1/8
46.916	46.919	8	1/4
46.918	--	8	3/8
46.920	--	8	1/2
46.926	46.927	10	3/8

*Metric thread

WITH FLOW CONTROL VALVE

STRAIGHT UNION





Meter-out Product No	 Tubing O.D. mm
46.952	4
46.954	6
46.956	8
46.958	10
46.960	12

WITHOUT FLOW CONTROL VALVE

THREADED ELBOW




Product No	 Tubing O.D. mm	 Thread (M) BSPT
46.870	4	M5*
46.873	6	1/8
46.876	8	1/8
46.877	8	1/4
46.880	10	1/4
46.881	10	3/8
46.883	12	3/8

* Metric thread

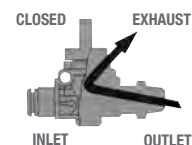
MINIATURE HAND VALVE

STRAIGHT UNION



3-Way Product No	 Tubing O.D. mm
46.060	4
46.061	6
46.063	8
46.064	10

When closed, the 3-Way miniature hand valve discharge residual pressure







STEM REDUCER

IN - MM

MM - MM





Product No	 Tubing O.D. in	 Stem O.D. mm
46.820	1/4	8
46.822	1/4	10
46.823	5/16	10
46.825	1/4	12
46.827	3/8	12

Product No	 Tubing O.D. mm	 Stem O.D. mm
46.585	4	6
46.586	6	8
46.587	8	10
46.588	10	12

REDUCER

STRAIGHT



Product No	 Tubing O.D. mm	 Tubing O.D. mm
46.233	6	4
46.238	8	6
46.243	10	8



CABINET OFFERS WITH A SELECTION OF OUR MOST POPULAR PUSH-TO-CONNECT FITTINGS

Each offer includes:

- Selection of our most popular polymer push-to-connect fittings for each Series
- Cabinet of 20 drawers or 60 drawers
- Stickers with product code, product description and picture



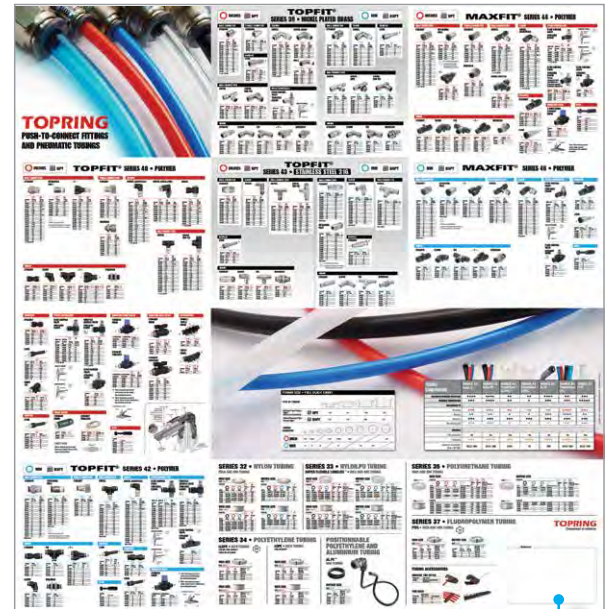
Cabinet dimensions (in)

20 drawers: L 23 x H 14 x D 8.75

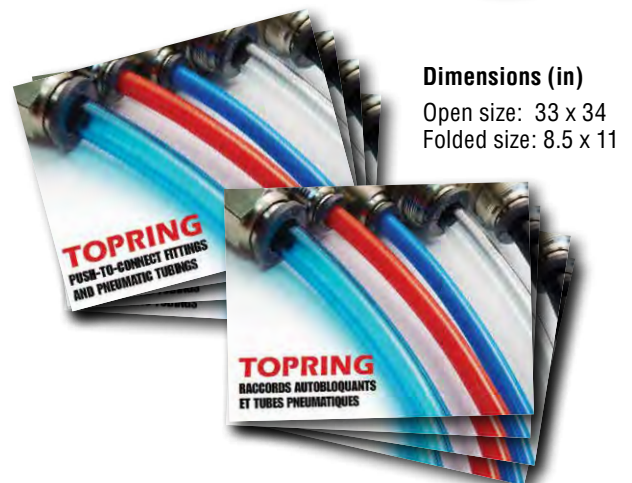
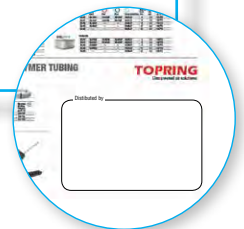
60 drawers: L 23 x H 37 x D 8.75

Product No	Description	Series	Tubing diameter and thread	Cabinet
TOPFIT Cabinets				
95.017.02	840 products / 64 SKUs	40	in / NPT	60 drawers
95.017A.02	1055 products / 64 SKUs	40	in / NPT	60 drawers
95.012.02	320 products / 32 SKUs	42	mm / BSPT	20 drawers
MAXFIT Cabinets				
95.017	840 products / 64 SKUs	44	in / NPT	60 drawers
95.017A	1055 products / 64 SKUs	44	in / NPT	60 drawers
95.012	320 products / 32 SKUs	46	mm / BSPT	20 drawers

TOPRING PUSH-TO-CONNECT FITTINGS AND PNEUMATIC TUBING POSTERS



Section at the bottom for to stamp your logo, address and telephone



Dimensions (in)

Open size: 33 x 34

Folded size: 8.5 x 11

Product No	Description
96.938.08	French poster
96.939.08	English poster

PNEUMATIC TUBINGS

ELEMENTS TO CONSIDER FOR THE CHOICE OF A PNEUMATIC TUBING OR HOSE

Pneumatic tubing are used to transport fluids in automation processes. They allow the connection of the air preparation systems (FRL), valves and cylinders. Pneumatic tubing are generally preferred to rigid pipes.

Polyurethane, nylon, polyethylene, PVC and PTFE tubing are the most commonly used in compressed air systems.

Knowledge of the characteristics, benefits and limitations of each compound is essential in the selection process.

Here are some basic factors to consider when selecting the tubing that best suited for the application.

The selection guide on the next page represents all the tubing models offered by **TOPRING** and their degree of performance in relation to different criteria.

WORKING PRESSURE

The working pressure is usually the first criteria to consider. It is established from the burst pressure at a normal temperature of about 20 °C to which a safety factor is added. The tubing's maximum working pressure corresponds to the safe pressure rate which takes into account all operating criteria.

The nylon, nylon.polyurethane and PTFE tubings offer the highest working pressures.

CONDITIONS OF THE WORKING ENVIRONMENT

Some chemicals may have an adverse effect on the tubing (swelling, deterioration, etc.). Consideration should be given to the type of fluid that will flow through the tubing and those that will be in contact with the tubing.

Other factors may affect the performance and deterioration of the tube: varying temperatures, mixed chemicals and changing environmental conditions.

The nylon, nylon.polyurethane and PTFE tubings offer excellent resistance to chemicals and ultraviolet rays.

FLEXIBILITY AND KINK RESISTANCE

Due to their type of material, some tubing may be more flexible than others. For systems requiring low bending radius or repetitive movements, tubings with high flexibility will be preferred (e.g. polyurethane or nylon.polyurethane).

For fixed jobs where movement is reduced or requiring high working pressure, choose a more rigid tube (e.g. nylon).

AIRFLOW

The airflow rate corresponds to the volume of compressed air conveyed to the compressed air mechanism. Generally, it is recommended to use a tubing that will provide a higher flow rate than the components of the circuit (regulators, valves, cylinders, etc.).

The type of connection used will also influence the airflow rate: barb fittings are installed inside the tubing and reduce the flow rate while the push-to-connect fittings clamp the outside of the tubing and offer no flow restriction. Therefore a smaller diameter tubing can be used with push-to-connect fittings, resulting in space and money saving.

WORKING TEMPERATURE

Temperature range for which a particular tubing can effectively be used. When considering temperature, it should be remembered that the higher the temperature, the lower the burst (and working) pressure. Since "working pressures" are calculated at ambient temperature, that figure will be reduced significantly as the temperature approaches the high end of the working temperature range.

THE TYPE OF FITTINGS USED

There are three types of fittings used with tubing: push-to-connect fittings, compression fittings and barb fittings. The selected tubing must be compatible with the type of fitting chosen.

The unit of measurement specified for pneumatic tubings is the outside diameter because they are used with push-to-connect fittings.

The tubings are available in imperial sizes (in) and metric (mm) and the fitting should be the same size.

PNEUMATIC TUBINGS AND HOSES SELECTION GUIDE



TUBING COMPARISON	SERIES 32 Nylon 12	SERIES 33 Nylon.PU LongLife™	SERIES 34 Polyethylene (LLDPE)	SERIES 34 Polyethylene (LDPE)	SERIES 35 Polyurethane (PU)	SERIES 37 Fluoropolymer (PTFE)	SERIES 38 Clear PVC	SERIES 38 Reinforced PVC with polyester yarn	SERIES 38 Reinforced PVC with steel wire
MAXIMUM WORKING PRESSURE	★★★★	★★★★	★★	★★	★★	★★★	★	★★	★★
WORKING TEMPERATURE	★★★	★★★★	★★	★	★★★★	★★★★★	★	★	★
RESISTANCE TO									
Abrasion	★★★	★★★	★★	★★	★★★★	★★★	★	★	★
Kinking	★★	★★	★	★	★★★★	★★	★★★	★★	★★
Moisture	★★★	★★★★	★★★	★★★	★★★★	★★★	★★★	★★★	★★★
Ultraviolet Rays	★★★	★★★	★	★	★★	★★★	★	★	★
CRITERIA									
Compliances	RoHS	RoHS	RoHS-FDA	RoHS	RoHS	RoHS - FDA	NSF - FDA - RoHS	NSF - FDA - RoHS	NSF - FDA - RoHS
Flexibility	★★★	★★★★	★★★	★★★★	★★★★★	★★★	★★★	★★	★★
Cost	\$\$\$	\$ \$	\$	\$	\$ \$	\$ \$ \$	\$	\$	\$ \$

PNEUMATIC TUBING ACCESSORIES

MINIATURE TUBING CUTTER

- Allows quick, clean and square cuts on nylon, polyethylene and polyurethane tubing of 1/8 in through 3/4 in O.D. size
- Safety "lock-open" push button
- 92 mm (3 ft) tape measure



Product No	Description
36.005	Miniature tubing cutter with tape measure

PIPE CUTTER

- Provides a straight, even, accurate cut on pipes or air hoses up to 36 mm (1-13/32 in O.D.)
- Ergonomically designed handle
- Steel spring controlling cutting tension
- Lockout handle
- Replaceable hardened steel blades



Product No	Description
36.100	Pipe cutter

TUBING RACKS

- Keeps tubing separate
- 1/4 in O.D. model has countersunk holes for #4 screws. Channel designed to be cut to length to accommodate from 1 to 10 tubing
- 3/8 in and 1/2 in O.D. models have screw attachment holes at each end



Product No	Tubing O.D	Tubing capacities
36.915	1/4	10
36.920	3/8	7
36.925	1/2	6

NYLON 12 TUBINGS

INCH AND METRIC SIZES



Features and benefits

- Good flexibility
- Super dimensional stability, ensuring perfect connection with push-to-connect fittings
- Excellent pressure rating
- Excellent resistance to crushing, abrasion and cracking
- Superior resistance to solvents, alkalis, oils, greases, petroleum products, and molds
- Good resistance to vibration
- Very low moisture absorption
- Broad temperature range
- RoHS compliant
- Silicone-free

Applications

Pneumatic systems, vacuum, oils, coolants, water, paint supply lines

Material

Tubing: Nylon 12

Specifications

Working Temperature: -40 to 70 °C

Vacuum Rating: Up to 28" Hg

Available Colors: Translucent white, black, red and blue



INCH SIZE



100 FT POLYBAG

White	Black	Red	Blue	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 23 °C)
32.100	---	---	---	1/8	.080	430 PSI
32.110	32.110.01	32.110.05	32.110.07	5/32 (4mm)	.106	530 PSI
32.120	32.120.01	32.120.05	32.120.07	1/4	.180	330 PSI
32.130	---	32.130.05	32.130.07	5/16 (8mm)	.233	330 PSI
32.140	---	32.140.05	32.140.07	3/8	.275	330 PSI
32.150	---	---	---	1/2	.375	330 PSI

INCH SIZE



330 FT REEL

White	Black	Red	Blue	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 23 °C)
32.300	---	---	---	1/8	.080	430 PSI
32.310	32.310.01	32.310.05	32.310.07	5/32 (4mm)	.106	530 PSI
32.320	32.320.01	32.320.05	32.320.07	1/4	.180	330 PSI
32.330	---	32.330.05	32.330.07	5/16 (8mm)	.233	330 PSI
32.340	---	32.340.05	32.340.07	3/8	.275	330 PSI
32.350	---	---	---	1/2	.375	330 PSI

METRIC SIZE



30 M POLYBAG

White	Black	Red	Blue	Tubing O.D. mm	Tubing I.D. mm	Maximum Working Pressure (at 23 °C)
32.110	32.110.01	32.110.05	32.110.07	4 (5/32)	2.7	530 PSI
32.115	32.115.01	32.115.05	32.115.07	6	4.0	377 PSI
32.130	---	32.130.05	32.130.07	8 (5/16)	6.0	330 PSI
32.145	---	---	---	10	8.0	189 PSI
32.147	---	---	---	12	10.0	145 PSI

METRIC SIZE



100 M REEL

White	Black	Red	Blue	Tubing O.D. mm	Tubing I.D. mm	Maximum Working Pressure (at 23 °C)
32.310	32.310.01	32.310.05	32.310.07	4 (5/32)	2.7	530 PSI
32.315	32.315.01	32.315.05	32.315.07	6	4.0	377 PSI
32.330	---	32.330.05	32.330.07	8 (5/16)	6.0	330 PSI
32.345	---	---	---	10	8.0	189 PSI
32.346	---	---	---	12	10.0	145 PSI

SUPER FLEXIBLE LONGLIFE™ NYLON.POLYURETHANE TUBINGS INCH AND METRIC SIZES



Features and benefits

- Economical
- Triple layer tubing with two layers of polyamide 12 PHL (Nylon 12) and one middle layer of polyurethane
- Excellent flexibility
- Very strong
- Superior dimensional stability, ensuring perfect connection with push-to-connect fittings
- High pressure resistance
- Excellent resistance to crushing, abrasion and cracking
- Very low moisture absorption
- RoHS compliant
- Silicone, phthalate and halogen free

Applications

Pneumatic systems, vacuum, oils, coolants, water, robotics

Materials

Inside and Outside Layers: Nylon 12

Middle Layer: Ether-based polyurethane

Specifications

Working Temperature: -40 to 70 °C

Vacuum Rating: Up to 28" Hg

Available Colors: Translucent white, black, red and blue

INCH SIZE

100 FT POLYBAG						
White	Black	Red	Blue	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 20 °C)
33.110	33.110.01	33.110.05	33.110.07	5/32 (4 mm)	.106	353 PSI
33.120	33.120.01	33.120.05	33.120.07	1/4	.180	247 PSI
33.130	33.130.01	33.130.05	33.130.07	5/16 (8 mm)	.236	218 PSI
33.140	33.140.01	33.140.05	33.140.07	3/8	.275	232 PSI
33.150	33.150.01	---	---	1/2	.375	218 PSI

330 FT COIL

33.310	33.310.01	33.310.05	33.310.07	5/32 (4 mm)	.106	353 PSI
33.320	33.320.01	33.320.05	33.320.07	1/4	.180	247 PSI
33.330	33.330.01	33.330.05	33.330.07	5/16 (8 mm)	.236	218 PSI
33.340	33.340.01	33.340.05	33.340.07	3/8	.275	232 PSI
33.350	33.350.01	---	---	1/2	.375	218 PSI

METRIC SIZE

30 M POLYBAG						
Clear	Black	Red	Blue	Tubing O.D. mm	Tubing I.D. mm	Maximum Working Pressure (at 20 °C)
33.110	33.110.01	33.110.05	33.110.07	4 (5/32)	2.5	353 PSI
33.115	33.115.01	33.115.05	33.115.07	6	4.0	309 PSI
33.130	33.130.01	33.130.05	33.130.07	8 (5/16)	6.0	218 PSI
33.145	---	---	---	10	8.0	162 PSI
33.147	---	---	---	12	10	132 PSI

100 M COIL

33.310	33.310.01	33.310.05	33.310.07	4 (5/32)	2.5	353 PSI
33.315	33.315.01	33.315.05	33.315.07	6	4.0	309 PSI
33.330	33.330.01	33.330.05	33.330.07	8 (5/16)	6.0	218 PSI
33.345	---	---	---	10	8.0	162 PSI
33.347	---	---	---	12	10	132 PSI

LOW DENSITY POLYETHYLENE (LDPE) TUBINGS INCH SIZE



Features and benefits

- Economical solution
- Superior stress crack resistance
- Lightweight
- Made of high quality resins
- Good dimensional stability
- Resistance to most chemicals and solvents
- Flexible
- RoHS compliant
- Silicone, phthalate and halogen free

Applications

For general low-pressure applications, pneumatic circuitry, air and liquid transfer, light vacuum lines and drain piping

Material

Tubing: Low density polyethylene (LDPE)

Specifications

Working Temperature: - 10 to 60 °C

Color: Translucent white



100 FT POLYBAG

INCH SIZE

Product No	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 20 °C)
34.170	1/4	.170	162 PSI
34.180	3/8	.250	176 PSI
34.185	1/2	.375	132 PSI



500 FT COIL

INCH SIZE

Product No	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 20 °C)
34.570	1/4	.170	162 PSI
34.580	3/8	.250	176 PSI
34.585	1/2	.375	132 PSI

LINEAR LOW DENSITY FOOD GRADE POLYETHYLENE (LLDPE) TUBINGS INCH SIZE



Features and benefits

- LLDPE food grade for standard industrial applications
- Manufactured from high quality resins
- Provide excellent environmental stress crack resistance
- Lightweight
- Good dimensional stability
- Very good resistance to solvents
- Excellent bending radius
- Certified under the Food and Drug Administration standard (FDA)
- RoHS compliant
- Silicone and phthalate free

Applications

For general low-pressure applications, pneumatic circuitry, air and liquid transfer, vacuum lines, drain piping, food and beverages

Material

Tubing: Low density polyethylene (LLDPE)

Specifications

Working Temperature: - 45 to 60 °C

Color: Translucent white

FDA Type 1, Class A, Category 4
Polyethylene under CFR 177.1520



100 FT POLYBAG

INCH SIZE

Product No	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 20 °C)
34.120	1/4	.170	140 PSI
34.140	3/8	.250	125 PSI
34.150	1/2	.375	100 PSI



500 FT COIL

INCH SIZE

Product No	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 20 °C)
34.520	1/4	.170	140 PSI
34.540	3/8	.250	125 PSI
34.550	1/2	.375	100 PSI

POLYURETHANE (PU) TUBINGS

INCH AND METRIC SIZES



Features and benefits

- Extremely flexible (even more than nylon tubings) offering excellent bending radius
- Extremely kink-resistant - withstands abuse that would damage other tubing types
- Excellent resistance to oils, greases, fuels, moisture and molds
- Great resistance to UV rays, cuts and abrasion
- RoHS compliant
- Silicone free

Applications

Pneumatic systems, robotics, instrumentation, motion control devices and automation

Material

Tubing: Ester-based polyurethane

Specifications

Working Temperature: -40 to 70 °C

Vacuum: Up to 28" Hg

Available Colors: Clear, black, red, blue and translucent blue



INCH SIZE

100 FT POLYBAG							
Clear	Black	Red	Blue	Translucent blue	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 23 °C)
35.105	---	---	---	35.105.27	1/8	0.066	220 PSI
35.115	35.115.01	35.115.05	35.115.07	35.115.27	5/32 (4 mm)	0.093	143 PSI
35.124	35.124.01	35.124.05	35.124.07	35.124.27	1/4	0.156	143 PSI
35.136	35.136.01	---	---	35.136.27	5/16 (8 mm)	0.187	165 PSI
35.138	35.138.01	35.138.05	35.138.07	35.138.27	3/8	0.250	132 PSI
35.150	35.150.01	---	---	35.150.27	1/2	0.328	148 PSI



330 FT REEL

35.305	---	---	---	35.305.27	1/8	0.066	220 PSI
35.315	35.315.01	35.315.05	35.315.07	35.315.27	5/32 (4 mm)	0.093	143 PSI
35.324	35.324.01	35.324.05	35.324.07	35.324.27	1/4	0.156	143 PSI
35.336	35.336.01	---	---	35.336.27	5/16 (8 mm)	0.187	165 PSI
35.338	35.338.01	35.338.05	35.338.07	35.338.27	3/8	0.250	132 PSI
35.350	35.350.01	---	---	35.350.27	1/2	0.328	148 PSI



METRIC SIZE

30 M POLYBAG							
Clear	Black	Red	Blue	Translucent blue	Tubing O.D. mm	Tubing I.D. mm	Maximum Working Pressure (at 23 °C)
35.115	35.115.01	35.115.05	35.115.07	35.115.27	4 (5/32)	2.5	143 PSI
35.117	35.117.01	35.117.05	35.117.07	35.117.27	6	4.0	160 PSI
35.136	35.136.01	---	---	35.136.27	8 (5/16)	5.0	165 PSI
35.145	35.145.01	---	---	35.145.27	10	6.5	160 PSI
35.146	---	---	---	35.146.27	12	8.0	145 PSI



100 M REEL

35.315	35.315.01	35.315.05	35.315.07	35.315.27	4 (5/32)	2.5	143 PSI
35.317	35.317.01	35.317.05	35.317.07	35.317.27	6	4.0	160 PSI
35.336	35.336.01	---	---	35.336.27	8 (5/16)	5.0	165 PSI
35.345	35.345.01	---	---	35.345.27	10	6.5	160 PSI
35.346	---	---	---	35.346.27	12	8.0	145 PSI



FLUOROPOLYMER (PTFE) TUBINGS INCH AND METRIC SIZES



Features and benefits

- Excellent resistance to chemical products
- Extremely stable up to a temperature of 260°C
- Excellent dielectric properties
- Virtually unaffected by oxygen, ozone and UV rays
- Lowest coefficient of friction of all polymers
- Fireproof to UL94 V0
- Certified under the Food and Drug Administration standard (FDA)
- RoHS compliant
- Silicone, phthalate and halogen free

Applications

Known for their outstanding properties under a variety of applications

High temperatures in combination with aggressive media or critical environments require an excellent tubing

Material

Tubing: Fluoropolymer (PTFE)

Specifications

Working Temperature: -60 to 260 °C

Color: Translucent white



INCH SIZE

164 FT POLYBAG

Product No	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 23 °C)
37.210	5/32 (4mm)	.080	294 PSI
37.220	1/4	.125	279 PSI
37.230	5/16 (8mm)	.240	118 PSI
37.240	3/8	.240	162 PSI

METRIC SIZE

50 M POLYBAG

Product No	Tubing O.D. in	Tubing I.D. in	Maximum Working Pressure (at 23 °C)
37.210	4 (5/32)	2	294 PSI
37.215	6	4	279 PSI
37.230	8 (5/16)	6	118 PSI

CLEAR PVC TUBINGS INCH SIZE



Food Grade



Certified under
NSF-51 Standard

Features and benefits

- More flexible than nylon and polyethylene
- Lightweight
- Crystal-clear appearance
- Smooth interior to reduce sediment buildup
- Non-reinforced
- Non-toxic
- Resistant to many chemicals and solvents
- Self-extinguishing
- Certified under NSF-51 standard (food equipment material)
- Certified under the Food and Drug Administration standard (FDA)
- RoHS compliant
- Silicone and phthalate free

Applications

Low pressure airlines, water, light vacuum lines and drain lines

Material

Tubing: Quality PVC resin

Specifications

Working Temperature: -4 to 65 °C

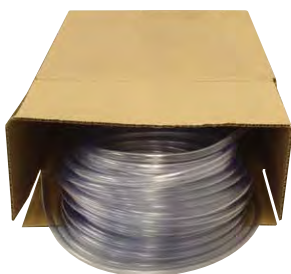
Durometer: 73 Shore A





Color: Clear



INCH SIZE

100 FT CARTON



Product No	 Hose O.D. in	 Hose I.D. in	 Maximum Working Pressure (at 20 °C)	 Weight kg/100 ft
38.050	1/4	1/8	65 PSI	0.91
38.075	5/16	3/16	55 PSI	1.22
38.100	3/8	1/4	55 PSI	1.54
38.250	1/2	1/4	60 PSI	3.63
38.200	7/16	5/16	50 PSI	1.81
38.300	1/2	3/8	45 PSI	2.13
38.350	5/8	3/8	55 PSI	4.85
38.400	5/8	1/2	30 PSI	2.72
38.450	3/4	1/2	45 PSI	6.80
38.525	7/8	5/8	40 PSI	7.30
38.600	1	3/4	35 PSI	8.53
38.700	1-1/4	1	25 PSI	10.93

NYFLEX®

GENERAL PURPOSE PVC HOSES

INCH SIZE



Features and benefits

- General purpose PVC air and water hose
- Lightweight and flexible with non-marking cover
- Ozone and climatic conditions resistance
- Chemical resistance
- Clear and smooth inner tube
- Certified under NSF-51 standard (food equipment materials)
- Certified under Canadian Food Inspection Agency standard (CFIA)
- RoHS compliant
- Silicone and phthalate free

Applications

Air and water lines, glue lines, lubrication lines, packaging machines, food and beverages

Materials

Hose: Clear PVC compound





Reinforcement: Spiral polyester yarn with additional longitudinal yarn to reduce elongation under pressure

Specifications





Working Temperature: -4 to 65 °C

INCH SIZE

COIL

Product No	Hose Length ft	 Hose O.D. in	 Hose I.D. in	 Maximum Working Pressure (at 20 °C)	 Weight kg/100 ft
38.900	300	0.438	1/4	250 PSI	2.7
38.905	300	0.594	3/8	225 PSI	4.0
38.910	300	0.750	1/2	200 PSI	5.9
38.915	300	0.891	5/8	200 PSI	8.1
38.920	200	1.031	3/4	150 PSI	9.9
38.925	200	1.300	1	125 PSI	13.6
38.930	100	1.620	1-1/4	100 PSI	20.4
38.935	100	1.938	1-1/2	100 PSI	29.0
38.940	100	2.490	2	75 PSI	42.2

REEL

Product No	Hose Length ft	 Hose O.D. in	 Hose I.D. in	 Maximum Working Pressure (at 20 °C)	 Weight kg/100 ft
38.950	500	0.438	1/4	250 PSI	2.7
38.960	500	0.594	3/8	225 PSI	4.0
38.970	500	0.750	1/2	200 PSI	5.9



POLYWIRE®

CLEAR PVC HOSES

REINFORCED WITH STEEL WIRE

INCH SIZE



Features and benefits

- Steel wire reinforcement prevents kinking or collapsing
- Chemical resistance
- Crystal clear appearance
- Smooth interior to reduce sediment buildup
- Self-extinguishing
- Non-marking
- Antistatic
- Certified under NSF-51 standard (food equipment materials)
- Certified under Canadian Food Inspection Agency standard (CFIA)
- RoHS compliant
- Silicone and phthalate free

Applications

Compressed air, water, lubrication, vacuum, food and beverages

Materials

Hose: Clear PVC compound

Reinforcement: Steel wire

Specifications

Working Temperature: -4 to 65 °C

Vacuum: Up to 29.9" HG at 21 °C

Color: Clear

INCH SIZE

COIL



Product No	Hose Length ft	Hose O.D. in	Hose I.D. in	Maximum Working Pressure (at 20 °C)	Weight kg/100 ft
38.800	100	1/2	1/4	250 PSI	4.5
38.805	100	5/8	3/8	150 PSI	5.9
38.810	100	13/16	1/2	150 PSI	9.5
38.815	100	1	5/8	150 PSI	13.6
38.820	100	1-1/8	3/4	150 PSI	16.3
38.825	100	1-3/8	1	100 PSI	19.9
38.830	50	1-3/4	1-1/4	100 PSI	16.8
38.835	50	2	1-1/2	100 PSI	19.0
38.840	50	2-1/2	2	100 PSI	25.4

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