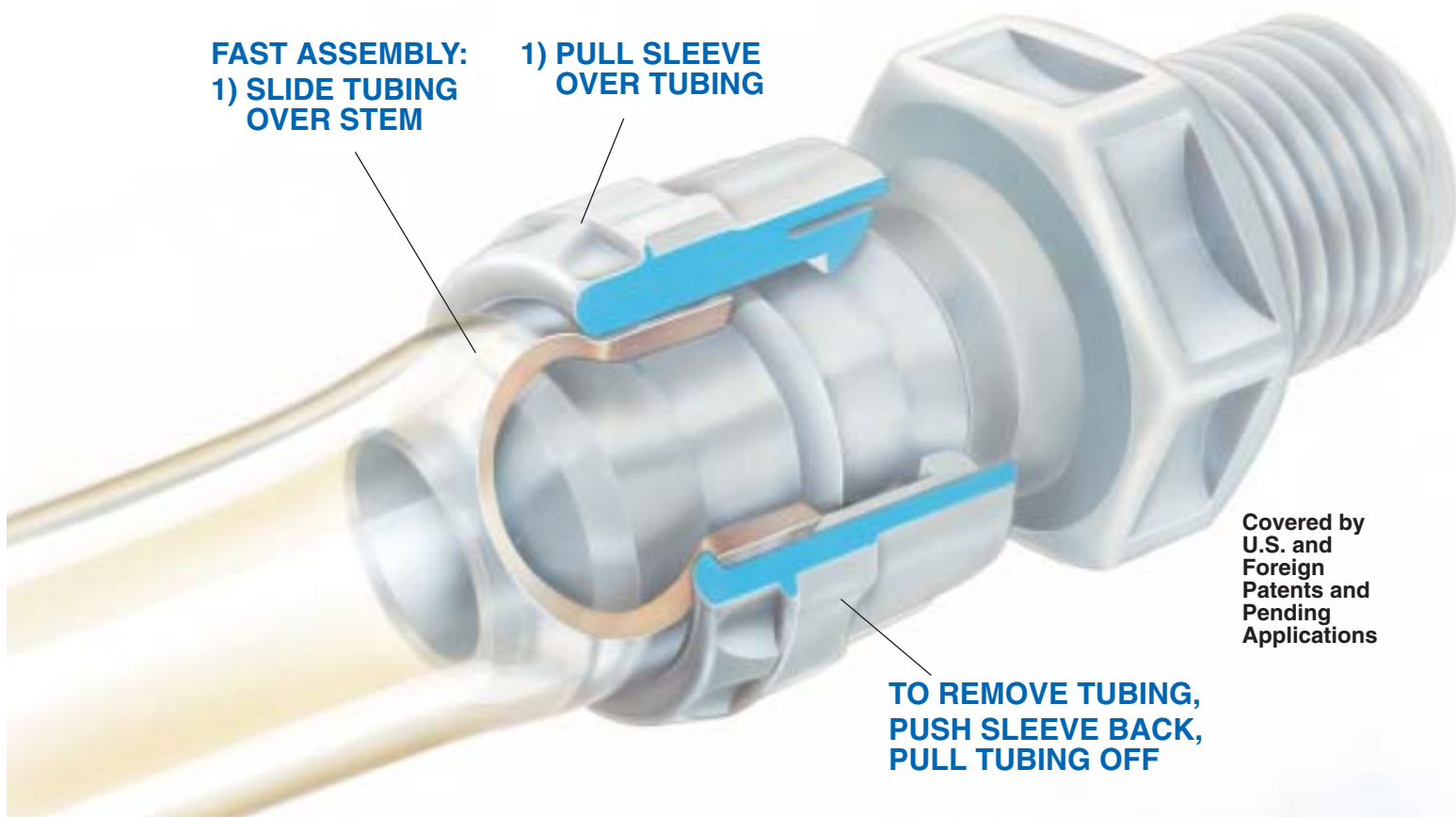


Soft Tube Fittings

REDUCE LABOR COSTS WITH CLAMP-FREE CONNECTIONS



FAST ASSEMBLY:
1) SLIDE TUBING
OVER STEM

1) PULL SLEEVE
OVER TUBING

Covered by
U.S. and
Foreign
Patents and
Pending
Applications

**TO REMOVE TUBING,
PUSH SLEEVE BACK,
PULL TUBING OFF**



CLAMP-FREE CONNECTIONS FOR SOFT TUBING

Now you can make secure, leak-free connections to soft, walled tubing without hose clamps or tools. Soft tube fittings make it easy for anyone to make a reliable connection every time. The soft tube stem makes a 360° seal on the tubing ID. Then the self-adjusting sleeve secures the tubing from pulling out or blowing off.

LABORATORY APPLICATIONS

Polypropylene fittings meet lab requirements for chemical resistance. Easy to assemble. Soft tube fittings are ideal for the changing needs of a lab.

OTHER BENEFITS

- Consistent appearance
- Uniform assembly by anyone
- Attractive and compact size
- Serviceability – remove tubing without damage
- Special configurations and sizes for custom applications

FITTING SPECIFICATIONS

Pressure: Maximum operating pressure of fitting: 120 psi, 8.3 Bar
 Temperature: 0°C to 82°C continuous
 32°F to 180°F continuous
 Materials: Body–Polypropylene
 Sleeve–Delrin Acetal

Color: Gray; others available

TUBING SPECIFICATIONS

Types: 50-90 durometer, vinyl, Viton®, urethane, neoprene, Tygon

Sizes: 1/4" ID x 3/8" OD & 1/16" wall
 3/8" ID x 1/2" OD & 1/16" wall
 1/2" ID x 3/4" OD & 1/8" wall


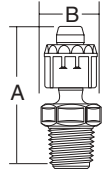

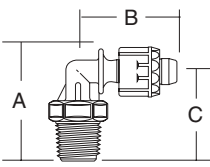

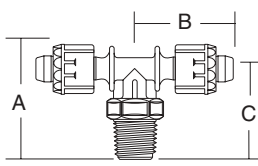

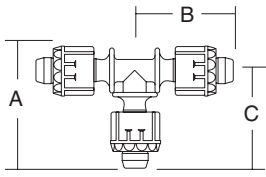

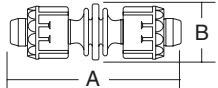
HOW TO SELECT SOFT TUBE FITTINGS

1. Choose configuration – *i.e.*, Male Branch Tee
2. Select tube size desired – *i.e.*, 1/4" ID x 3/8" OD
3. Determine thread size if needed – *i.e.*, 1/4" NPTF
4. Order part number – *i.e.*, FT-ST 30-04-04

ADDITIONAL PRODUCTS

OMEGA can solve your special fitting needs. Our engineers will work with you on your application.



	TUBING SIZE	THREADS	MODEL NUMBER	PRICE/ PK of 5	DIMENSIONS			HEX SIZE
	ID x OD				A	B	C	
MALE STRAIGHT  	1/4" x 3/8"	1/8" NPTF	FT-ST10-02-04	\$8.70	1.540"	.400"		5/8"
		1/4" NPTF	FT-ST10-04-04	8.70	1.640"	.500"		5/8"
	3/8" x 1/2"	1/4" NPTF	FT-ST10-04-06	11.05	1.850"	.500"		3/4"
		3/8" NPTF	FT-ST10-06-06	11.05	1.850"	.500"		3/4"
	1/2" x 3/4"	3/8" NPTF	FT-ST10-06-08	12.55	2.450"	.500"		1"
	1/2" NPTF	FT-ST10-08-08	12.55	2.600"	.650"		1"	
MALE ELBOW  	1/4" x 3/8"	1/8" NPTF	FT-ST20-02-04	13.05	1.343"	1.200"	1.030"	5/8"
		1/4" NPTF	FT-ST20-04-04	13.05	1.443"	1.200"	1.130"	5/8"
	3/8" x 1/2"	1/4" NPTF	FT-ST20-04-06	15.00	1.615"	1.430"	1.240"	3/4"
		3/8" NPTF	FT-ST20-06-06	15.00	1.615"	1.430"	1.240"	3/4"
	1/2" x 3/4"	3/8" NPTF	FT-ST20-06-08	16.95	1.940"	2.070"	1.440"	1"
	1/2" NPTF	FT-ST20-08-08	16.95	2.090"	2.070"	1.590"	1"	
MALE BRANCH TEE  	1/4" x 3/8"	1/8" NPTF	FT-ST30-02-04	15.00	1.343"	1.200"	1.030"	5/8"
		1/4" NPTF	FT-ST30-04-04	15.00	1.443"	1.200"	1.130"	5/8"
	3/8" x 1/2"	1/4" NPTF	FT-ST30-04-06	16.95	1.615"	1.430"	1.240"	3/4"
		3/8" NPTF	FT-ST30-06-06	16.95	1.615"	1.430"	1.240"	3/4"
	1/2" x 3/4"	3/8" NPTF	FT-ST30-06-08	18.90	1.940"	2.070"	1.440"	1"
	1/2" NPTF	FT-ST30-08-08	18.90	2.090"	2.070"	1.590"	1"	
UNION TEE  	1/4" x 3/8"		FT-ST32-04	19.80	1.530"	1.200"	1.200"	
	3/8" x 1/2"		FT-ST32-06	22.15	1.805"	1.430"	1.430"	
	1/2" x 3/4"		FT-ST32-08	25.60	2.570"	2.070"	2.070"	
UNION  	1/4" x 3/8"		FT-ST40-04	14.20	2.080"	.680"		
	3/8" x 1/2"		FT-ST40-06	16.15	2.380"	.800"		
	1/2" x 3/4"		FT-ST40-08	18.15	3.430"	1.030"		

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