

SOFT TUBE FITTINGS

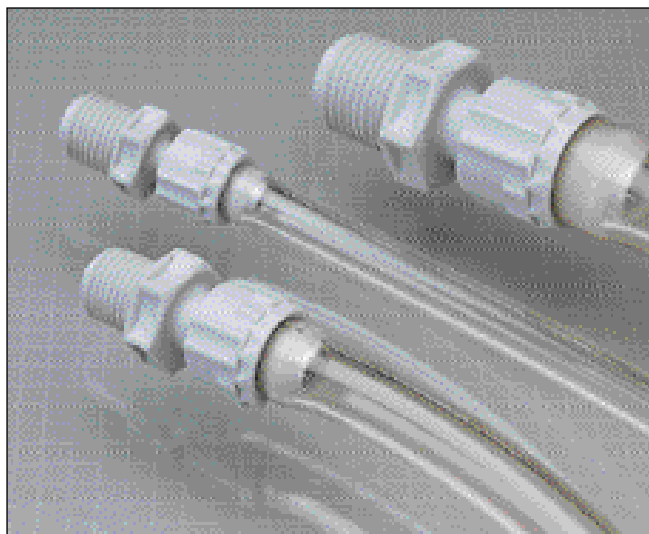
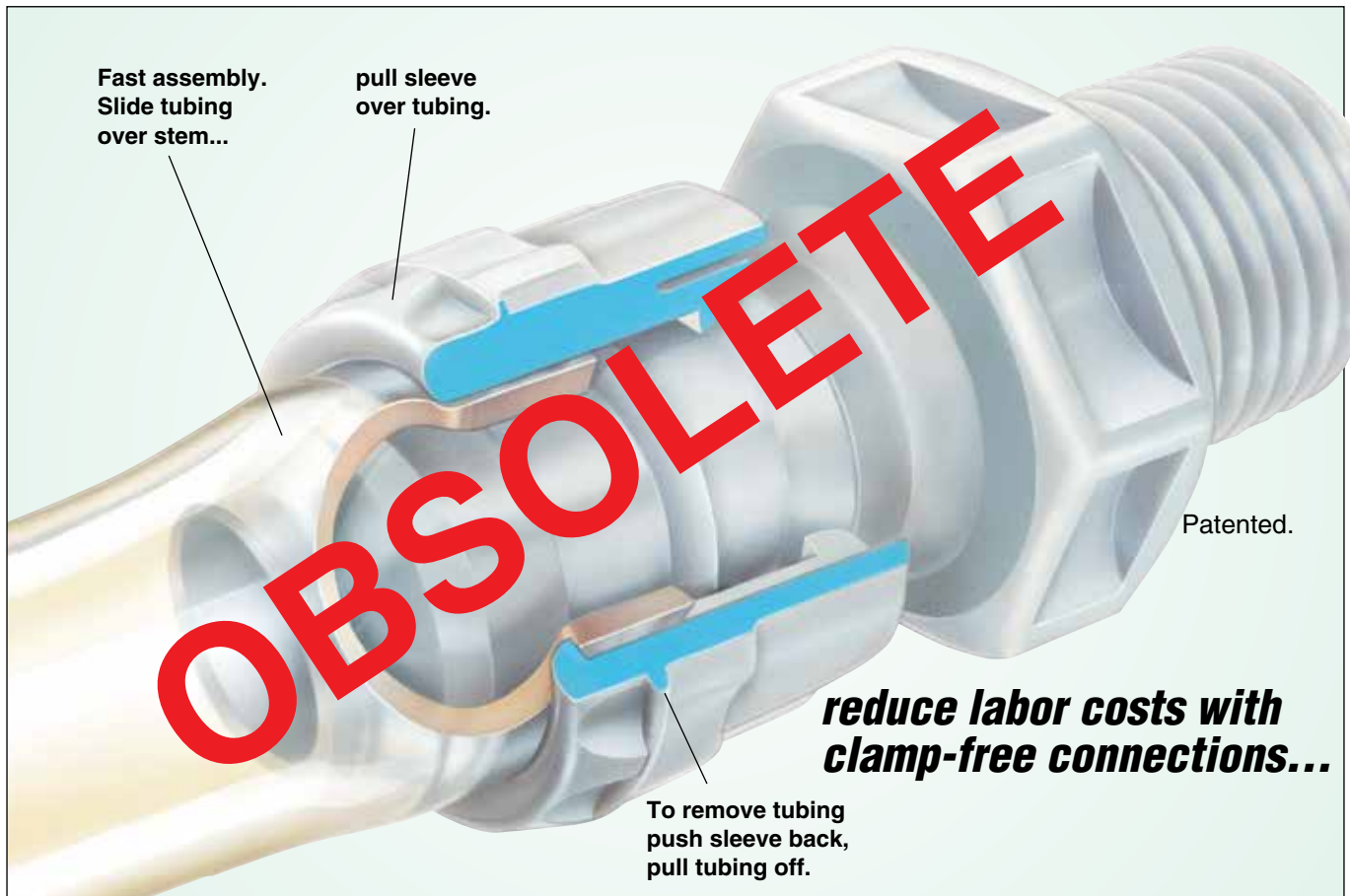
- ✔ Consistent appearance
- ✔ Uniform assembly by anyone
- ✔ Attractive and compact size
- ✔ Serviceability – remove tubing without damage
- ✔ Special configurations and sizes for custom applications

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 in a lab.

SPECIFICATIONS

Fitting Specifications

Maximum operating pressure of fitting: 120 psi, 8.3 Bar

Temperature: 0° to 82° C (32° to 180° F) continuous

Materials:

Body: Polypropylene

Sleeve: Delrin Acetal

Color: Gray, others available

Tubing Specifications

Types: 50 to 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


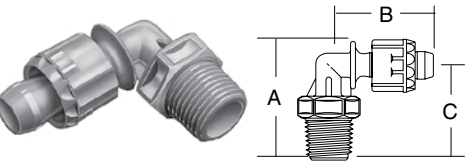
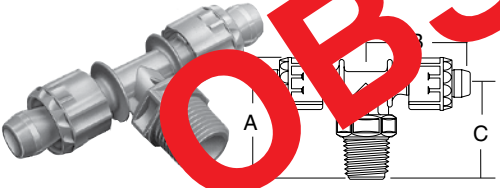
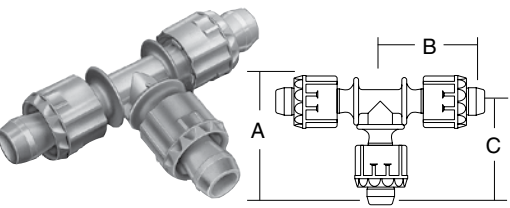
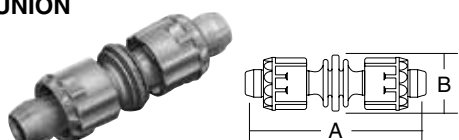
How to select Soft tube fittings...

1. Choose configuration – **Male Branch Tee**
2. Select tube size desired – $\frac{1}{4}$ " ID x $\frac{3}{8}$ " OD
3. Determine thread size if needed – $\frac{1}{4}$ " NPTF
4. Order part number – **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 ID x OD	THREADS	MODEL NUMBER	A	B	C	HEX SIZE
MALE STRAIGHT 	$\frac{1}{4}$ " x $\frac{3}{8}$ "	$\frac{1}{8}$ " NPTF	FT-ST10-02-04	1.540"	.400"		$\frac{5}{8}$ "
		$\frac{1}{4}$ " NPTF	FT-ST10-04-04	1.640"	.500"		$\frac{5}{8}$ "
	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{4}$ " NPTF	FT-ST10-04-06	1.850"	.500"		$\frac{3}{4}$ "
		$\frac{3}{8}$ " NPTF	FT-ST10-06-06	1.850"	.500"		$\frac{3}{4}$ "
	$\frac{1}{2}$ " x $\frac{3}{4}$ "	$\frac{3}{8}$ " NPTF	FT-ST10-06-08	2.450"	.500"		1"
	$\frac{1}{2}$ " NPTF	FT-ST10-08-08	2.400"	.650"		1"	
MALE ELBOW 	$\frac{1}{4}$ " x $\frac{3}{8}$ "	$\frac{1}{8}$ " NPTF	FT-ST20-02-04	1.343"	1.200"	1.030"	$\frac{5}{8}$ "
		$\frac{1}{4}$ " NPTF	FT-ST20-04-04	1.443"	1.200"	1.130"	$\frac{5}{8}$ "
	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{4}$ " NPTF	FT-ST20-04-06	1.615"	1.430"	1.240"	$\frac{3}{4}$ "
		$\frac{3}{8}$ " NPTF	FT-ST20-06-06	1.615"	1.430"	1.240"	$\frac{3}{4}$ "
	$\frac{1}{2}$ " x $\frac{3}{4}$ "	$\frac{3}{8}$ " NPTF	FT-ST20-06-08	1.940"	2.070"	1.440"	1"
	$\frac{1}{2}$ " NPTF	FT-ST20-08-08	2.090"	2.070"	1.590"	1"	
MALE BRANCH TEE 	$\frac{1}{4}$ " x $\frac{3}{8}$ "	$\frac{1}{8}$ " NPTF	FT-ST30-02-04	1.343"	1.200"	1.030"	$\frac{5}{8}$ "
		$\frac{1}{4}$ " NPTF	FT-ST30-04-04	1.443"	1.200"	1.130"	$\frac{5}{8}$ "
	$\frac{3}{8}$ " x $\frac{1}{2}$ "	$\frac{1}{4}$ " NPTF	FT-ST30-04-06	1.615"	1.430"	1.240"	$\frac{3}{4}$ "
		$\frac{3}{8}$ " NPTF	FT-ST30-06-06	1.615"	1.430"	1.240"	$\frac{3}{4}$ "
	$\frac{1}{2}$ " x $\frac{3}{4}$ "	$\frac{3}{8}$ " NPTF	FT-ST30-06-08	1.940"	2.070"	1.440"	1"
	$\frac{1}{2}$ " NPTF	FT-ST30-08-08	2.090"	2.070"	1.590"	1"	
UNION TEE 	$\frac{1}{4}$ " x $\frac{3}{8}$ "		FT-ST32-04	1.530"	1.200"	1.200"	
	$\frac{3}{8}$ " x $\frac{1}{2}$ "		FT-ST32-06	1.805"	1.430"	1.430"	
	$\frac{1}{2}$ " x $\frac{3}{4}$ "		FT-ST32-08	2.570"	2.070"	2.070"	
UNION 	$\frac{1}{4}$ " x $\frac{3}{8}$ "		FT-ST40-04	2.080"	.680"		
	$\frac{3}{8}$ " x $\frac{1}{2}$ "		FT-ST40-06	2.380"	.800"		
	$\frac{1}{2}$ " x $\frac{3}{4}$ "		FT-ST40-08	3.430"	1.030"		