



### ETFE tubing

ETFE (ethyltrifluoroethylene) tubing is particularly suitable for HPLC, since it has a higher burst pressure as compared to PTFE. 1/16" OD x 0.25 mm ID tubing will withstand up to 186 bar (2700 psi) with water as mobile phase. However, it is important to note that when used with organic solvents, ETFE tubing may swell, reducing that maximum pressure to 70 bar (1000 psi).

This is the ideal polymer for applications with chloride salts, which typically corrode stainless steel.

#### SPECS

- Max working pressures: see page 94
- Tubing tolerances: see page 95

Qty/pkg:		3 m		10 m		25 m	
Tubing OD	ID (mm)	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.
1/32"	0.25	JR-T-084-M3	JR-T-084-M10	JR-T-084-M25			
1/16"	0.18	JR-T-078-M3	JR-T-078-M10	JR-T-078-M25			
	0.25	JR-T-080-M3	JR-T-080-M10	JR-T-080-M25			
	0.50	JR-T-082-M3	JR-T-082-M10	JR-T-082-M25			
	0.75	JR-T-083-M3	JR-T-083-M10	JR-T-083-M25			
1/8"	1.00	JR-T-085-M3	JR-T-085-M10	JR-T-085-M25			
	1.59	JR-T-086-M3	JR-T-086-M10	JR-T-086-M25			
		1 m	3 m				
	ID (mm)	Product No.	Product No.				
3.0 mm	1.0	JR-T-087-M1	JR-T-087-M3				
6.0 mm	4.0	JR-T-088-M1	JR-T-088-M3				

#### TECH TIP

- When selecting tubing for low pressure applications, give careful consideration to gas permeability characteristics.
- Use PFA instead of PTFE if gas permeability is an issue.

#### OPTIONS

Contact your distributor or VICI about:

- Longer tubing lengths at competitive bulk prices
- Customized ODs and IDs (30 m minimum quantity)

#### MORE INFORMATION

About ETFE. . . . . 99  
 Chemical resistance 96-98  
 Maximum working pressure . . . . . 94  
 Tubing ID chart:  
 volume per length . . . 93  
 Tubing tolerances . . . . 95

#### RELATED PRODUCTS

Clean-cut  
 tubing cutter . . . . . 86  
 Easy-Flange kit . . . . . 85  
 Low pressure  
 fittings . . . . . 40-47  
 SolviFlex coiled  
 PFA tubing . . . . . 70

### PFA tubing

PFA (perfluoroalkoxy) tubing from VICI Jour has excellent chemical stability and mechanical strength. 1/16" OD high purity tubing has a maximum pressure rating of up to 100 bar (1450 psi), while 1/8" OD tubing can be used at up to 72 bar (1050 psi).

Always use PFA instead of PTFE if gas permeability is an issue.

#### SPECS

- Max working pressures: see page 94
- Tubing tolerances: see page 95

Qty/pkg:		1 m		3 m		3 m		10 m		25 m	
Tubing OD	ID (mm)	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.	Product No.
360 µm	50 µm	JR-T-43650-M1	JR-T-43650-M3								
	75 µm	JR-T-43675-M1	JR-T-43675-M3								
	100 µm	JR-T-436100-M1	JR-T-436100-M3								
		3 m	10 m	25 m							
	ID (mm)	Product No.	Product No.	Product No.							
1/16"	0.50 mm	JR-T-4001-M3	JR-T-4001-M10	JR-T-4001-M25							
	0.75 mm	JR-T-4002-M3	JR-T-4002-M10	JR-T-4002-M25							
	1.00 mm	JR-T-4007-M3	JR-T-4007-M10	JR-T-4007-M25							
1/8"	1.59 mm	JR-T-4003-M3	JR-T-4003-M10	JR-T-4003-M25							
		per meter									
	ID (mm)	Product No.									
1/8"	1.70 mm	JR-T-4005									
3/16"	3.20 mm	JR-T-4009									
1/4"	4.35 mm	JR-T-4004									

