

PTFE Tubing

A very chemically inert Fluorocarbon suitable for low-pressure applications. PTFE is a naturally translucent white material, however SIS also offers this tubing in black for light sensitive applications. PTFE is gas-permeable, and will result in diffusion of atmospheric gases into fluids carried inside the tubing.

Part No.	Description	Burst Pressure	Price/ft
PTFE010	1/16" OD X 0.010" ID	1000 psi	
PTFE010B	1/16" OD X 0.010" ID Black	1000 psi	
PTFE020	1/16" OD X 0.020" ID	700 psi	
PTFE020B	1/16" OD X 0.020" ID Black	700 psi	
PTFE040	1/16" OD X 0.040" ID	350 psi	
PTFE062	1/8" OD X 0.062" ID	500 psi	

10% DISCOUNT ON QUANTITIES OF 20 FEET OR MORE.

ETFE (TEFZEL®) Tubing

A Fluorocarbon with a higher burst pressure than PTFE and excellent chemical resistance, especially to chloride salts. Tefzel may swell when used with organic solvents, and in that case operating pressures should be restricted to under 70 bar (1000 psi).

Part No.	Description	Burst Pressure	Price/ft
ETFE010	1/16" OD X 0.010" ID	3000 psi	
ETFE020	1/16" OD X 0.020" ID	2000 psi	
ETFE030	1/16" OD X 0.030" ID	1500 psi	
ETFE040	1/16" OD X 0.040" ID	1000 psi	
ETFE062	1/8" OD X 0.062" ID	1500 psi	

FEP (Fluoridated Ethylene-Propylene) Tubing

This material has excellent resistance to buffers and mobile phases with higher ionic strength. FEP tubing is recommended for low pressure and ion chromatography applications.

Part No.	Description	Burst Pressure	Price/ft
FEP010	1/16" OD X 0.010" ID	2000 psi	
FEP020	1/16" OD X 0.020" ID	1500 psi	
FEP030	1/16" OD X 0.030" ID	1000 psi	
FEP040	1/16" OD X 0.040" ID	800 psi	
FEP062	1/8" OD X 0.062" ID	1000 psi	
FEP171	1/4" OD X 0.171" ID	500 psi	

PFA Tubing

Another very inert Fluorocarbon, this material has extra-low permeability. PFA should be used when diffusion through the tubing wall is an issue.

Part No.	Description	Burst Pressure	Price/ft
PFA020	1/16" OD X 0.020" ID	1500 psi	
PFA030	1/16" OD X 0.030" ID	1000 psi	
PFA062	1/8" OD X 0.062" ID	1000 psi	

Nylon Tubing

An economical choice for air, nitrogen, water, and other non-critical gas and liquid service in the laboratory. Not recommended for Hydrogen service. Available in opaque, white, and black. Working temperature range -5 to 100°C.

Part No.	Description	Burst Pressure	Price/100ft
NY080	1/8" OD X .080"ID	1500 psi	
NY080B	1/8" OD X .080"ID Black	1500 psi	
NY093	1/8" OD X .093"ID	800 psi	
NY093B	1/8" OD X .093"ID Black	800 psi	
NY125	1/4" OD X .125"ID	2000 psi	
NY125B	1/4" OD X .125"ID Black	2000 psi	
NY170	1/4" OD X .170"ID	1200 psi	
NY170B	1/4" OD X .170"ID Black	1200 psi	

Viton® Tubing

A Fluoropolymer with good chemical and high temperature resistance. Usable at temperatures from -20 to 250°C.

Part No.	Description	Price/ft
VT250	1/4" OD X 1/8" ID	
VT375	3/8" OD X 1/4" ID	
VT500	1/2" OD X 3/8" ID	
VT625	5/8" OD X 1/2" ID	

Tubing Clip

This convenient piece makes sure 1/8" and 1/16" tubing stays put in bottles or beakers.



Part No.	Description	Price/3pk
E840	Tubing clip	

Corner Forms for PEEK Tubing

Form perfect 90° or 180° turns in PEEK tubing easily with these accessories designed to bend the material at a radius that will not compromise its strength.



Part No.	Description	Price/3pk
E850	90° Corner form	
E855	180° Corner form	

► **Tech Tip** For high quality fused silica tubing for LC/MS and CE applications, see pg. D21.