

FEP STANDARD GRADE TUBING

Key Features: ASTM 3296; Chemically Inert to Most Industrial Fluids and Gasses; UL 94 V-0; FDA Compliant; High Operating Temperature -73 to 200°C.

Additional sizes and colors of FEP tubing are available by quotation.

Industrial Wall (1/32)

Heavy Wall (1/16)

OD In	ID In	Part Number	Bend Rad In.	Burst Pres* psi	OD In	ID In	Part Number	Bend Rad In.	Burst Pres* psi
3/32	1/32	FP42N30S0	1/2	2720	3/16	1/16	FP44N62S0	1/2	2720
1/8	1/16	FP44N30S0	3/4	2040	1/4	1/8	FP47N62S0	1/2	2040
5/32	3/32	FP46N30S0	1/2	1600	5/16	3/16	FP49N62S0	3/4	1600
3/16	1/8	FP47N30S0	1/2	1310	3/8	1/4	FP51N62S0	3/4	1310
1/4	3/16	FP49N30S0	3/4	960	7/16	5/16	FP53N62S0	1	1110
5/16	1/4	FP51N30S0	1	750	1/2	3/8	FP55N62S0	2 1/2	960
3/8	5/16	FP53N30S0	2	620	9/16	7/16	FP57N62S0	2 1/2	840
7/16	3/8	FP55N30S0	2	520	5/8	1/2	FP59N62S0	3	750
1/2	7/16	FP57N30S0	2 1/2	460					

Custom Wall

Metric Sizes (1mm Wall)

OD In.	ID In	Part Number	Bend Rad In	Burst Pres* Psi	OD mm	ID mm	Part Number	Bend Rad In	Burst Pres* psi
1/16	1/32	FP42N15S0	1/4	2040	4	2	FP13N39S0	1/2	2040
1/4	5/32	FP48N47S0	3/4	1500	6	4	FP48N39S0	3/4	1310
1/4	.170	FP06N40S0	3/4	1250	8	6	FP03N39S0	1	960
					10	8	FP53N39S0	2	750
					12	10	FP55N39S0	2 1/2	620

*Burst Pressure is a Theoretical Calculation at Room Temp.

PHYSICAL PROPERTIES	ASTM TEST	VALUE
Tensile Strength	D638	3,400 psi
Elongation	D638	400%
Flexural Modulus	D790	80,000 psi
MIT Flex Life	D2176	5,000
Hardness	D2240	60 Shore D