



## FEP HIGH PERFORMANCE TUBING

**Key Features:** ASTM 3296; Chemically Inert to Most Industrial Fluids and Gasses; UL 94 V-0; FDA Compliant; Resistant to Stress Cracking ; High operating temperature range - 73 to 200°C. Additional sizes of FEP tubing 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	FH42N3000	1/2	3280	3/16	1/16	FH44N6200	1/2	3280
1/8	1/16	FH44N3000	3/4	2460	1/4	1/8	FH47N6200	1/2	2460
5/32	3/32	FH46N3000	1/2	1930	5/16	3/16	FH49N6200	3/4	1930
3/16	1/8	FH47N3000	1/2	1580	3/8	1/4	FH51N6200	3/4	1580
1/4	3/16	FH49N3000	3/4	1150	7/16	5/16	FH53N6200	1	1330
5/16	1/4	FH51N3000	1	900	1/2	3/8	FH55N6200	2 1/2	1150
3/8	5/16	FH53N3000	2	740	9/16	7/16	FH57N6200	2 1/2	1010
7/16	3/8	FH55N3000	2	630	5/8	1/2	FH59N6200	3	900
1/2	7/16	FH57N3000	2 1/2	550					

### 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	FH42N1500	1/4	2460	4	2	FH13N3900	1/2	2460
1/4	5/32	FH48N4700	3/4	1800	6	4	FH48N3900	3/4	1580
1/4	.170	FH06N4000	3/4	1510	8	6	FH03N3900	1	1150
					10	8	FH53N3900	2	900

\*Burst Pressure is a Theoretical Calculation at Room Temperature.

PHYSICAL PROPERTIES	ASTM TEST	VALUE
Tensile Strength	D638	4,100 psi
Elongation	D638	400%
Flexural Modulus	D790	80,000 psi
MIT Flex Life	D2176	80,000
Hardness	D2240	60 Shore D

435 School Lane, Plymouth Meeting, PA 19462 Phone 610-272-8960 Fax 610-270-3138

E-mail [sales@markelcorporation.com](mailto:sales@markelcorporation.com)

[www.markelcorporation.com](http://www.markelcorporation.com)

Rev. 3/09