

- High Temperature
- Excellent Chemical Resistance
- Ultra Clear

FEP Heat Shrink Tubing

Product Number IP38FE

FEP Heat Shrink Tubing is a semi-rigid fluorinated ethylene propylene Teflon tubing rated for continuous service temperature from -55°C to 200°C.

The excellent electrical and mechanical properties of FEP make it ideal for chafe guards on braided metal hoses where fittings must be cleared and as terminal and splice insulation. Outstanding chemical inertness allows FEP to be used as a cover over pressure and temperature probes in corrosive chemicals where different diameters are encountered.

FEP is normally used where many of the properties inherent in PTFE are desired but the shrink temperature must be lower.

Specifications:



Low shrink temperature, extra clear

Order Size	Expanded Diameter	Recovered Diameter	Recovered Wall
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1.3 to 1 Shrink

24	.031	.027	.008
22	.036	.032	.008
20	.045	.039	.008
18	.060	.049	.008
16	.075	.061	.009
14	.092	.072	.009
12	.115	.089	.009
10	.141	.114	.010
9	.158	.124	.010
8	.180	.143	.010
7	.197	.158	.011
6	.225	.180	.011
5	.248	.198	.011
4	.290	.226	.011
3	.310	.249	.011
2	.365	.280	.012
1	.400	.311	.012
0	.440	.349	.012
3/8	.500	.383	.015
7/16	.580	.448	.020
1/2	.666	.510	.020
5/8	.830	.637	.025
3/4	1.000	.764	.030
7/8	1.170	.891	.035
1"	1.330	1.020	.035

Order Size	Expanded Diameter	Recovered Diameter	Recovered Wall
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1.67 to 1 Shrink

3/32	.093	.056	.008
1/8	.125	.075	.010
3/16	.188	.115	.010
1/4	.250	.150	.010
3/8	.375	.225	.012
1/2	.500	.300	.015
3/4	.750	.450	.020
1"	1.000	.600	.025
1-1/2	1.500	.900	.030

Mil-I-23053-11 FDA Title 21 #177.1550

Temperature Ratings: -55°C to 200°C shrink 290°C

Electrical: Dielectric strength 2000 volts/mil.