

Dexnyl© PEEK SF Shrinktubes_ 21

Technical Data Sheet

- High continuous service temperature (500 °F / 260 °C)
- Extends life of the protected item
- Assures reliable performance
- Adhesion to metals
- Translucent recovery shrink temperature 572 °F to 644 °F (300 °C to 340 °C)
- Opaque recovery shrink temperature 680 °F to 725 °F (360 °C to 385 °C)
- Consistent shrink ratios of 1.4:1 and up
- Expanded ID range of 0.038" to 2.5" (0.965 to 63.5 mm)
- Recovered wall range of 0.004" to 0.010" (0.102 to 0.254 mm)
- The standard length is 1220mm

Properties	ASTM	Units	
Tensile Modulus	D638	KSI	1,309
Tensile Stress at Yield	D638	PSI	14,503
Glass Transition Temp	D3418	°F/°C	321/161
Dielectric Strength	D149	V/mil	3570
Thermal Endurance	NEMA MW 1000	°F/°C	752/400
Crystallinity	D3814	%	40

*This data is based on PEEK shrink tube recovered on a 0.575" mandrel. Tubing performance and characteristics may change based on tubing size.

Number	As Supplied Inside Diameter Min.		Recovered Dimension After Shrinking							
			ID Max.		Wall Thickness Minimum		Wall Thickness Nominal		Wall Thickness Maximum	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
17	0.038	0.965	0.027	0.686	0.005	0.127	0.007	0.178	0.009	0.229
16	0.045	1.143	0.032	0.813	0.005	0.127	0.007	0.178	0.009	0.229
15	0.055	1.397	0.039	0.991	0.005	0.127	0.007	0.178	0.009	0.229
14	0.085	2.159	0.060	1.524	0.005	0.127	0.007	0.178	0.009	0.229
13	0.092	2.337	0.065	1.651	0.005	0.127	0.007	0.178	0.009	0.229
12	0.101	2.565	0.072	1.829	0.005	0.127	0.007	0.178	0.009	0.229
11	0.112	2.845	0.080	2.032	0.005	0.127	0.007	0.178	0.009	0.229
10	0.125	3.175	0.089	2.261	0.005	0.127	0.007	0.178	0.009	0.229
9	0.137	3.480	0.098	2.489	0.005	0.127	0.007	0.178	0.009	0.229
8	0.160	4.064	0.114	2.896	0.005	0.127	0.007	0.178	0.009	0.229
7	0.174	4.420	0.124	3.150	0.005	0.127	0.007	0.178	0.009	0.229
6	0.200	5.080	0.143	3.632	0.005	0.127	0.007	0.178	0.009	0.229
5	0.221	5.613	0.158	4.013	0.005	0.127	0.007	0.178	0.009	0.229
4	0.252	6.401	0.180	4.572	0.005	0.127	0.007	0.178	0.009	0.229
3	0.277	7.036	0.198	5.029	0.005	0.127	0.007	0.178	0.009	0.229
2	0.316	8.026	0.226	5.740	0.005	0.127	0.007	0.178	0.009	0.229
1	0.349	8.865	0.249	6.325	0.005	0.127	0.007	0.178	0.009	0.229
0	0.392	9.957	0.280	7.112	0.005	0.127	0.007	0.178	0.009	0.229