**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 |

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