

Moulded Parts and Shapes

-4

Moulded Part Material Flexible Polyolefin

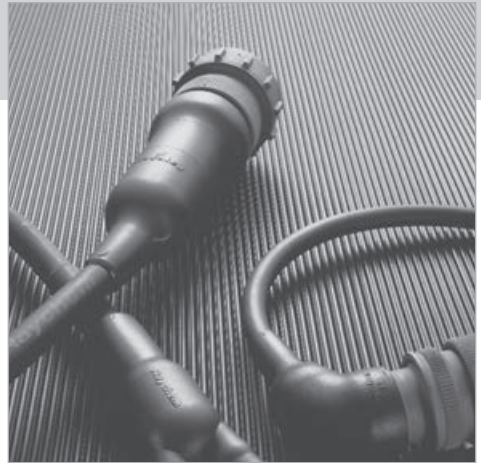
Designed for use in general harnessing applications where toughness is required and systems are occasionally exposed to fluids or heat. The adhesive-lined parts provide excellent sealing and strain relief at connector-cable terminations and transitions. A wide range of shapes are available in this material. The standard colour is black.

Operating Temperature

- From -55°C to 135°C

Installation

- Minimum shrink temperature 105°C
- Recommended shrink temperature 150°C



Specifications & Approvals

- UL-224, File E85381
- SAE-AS81765/1, Type II
- SAE-AS85049/ 140, 141, 142

Product Characteristics, -4 material

		Specification Requirements	Test Method
Physical	Tensile strength	1800 psi (min)	ASTM D 412
	Ultimate elongation	400% (min)	ASTM D 412
	Specific gravity	1.3 (max)	ASTM D 792
Thermal	Heat aging for 168 hrs @ 175°C	Ultimate elongation 300% (min)	RT 1304 Sec 4.3.3
	Heat shock for 4 hrs @ 225°C	No dripping, cracking or flowing	RT 1304 Sec 4.3.3
	Low temperature flex @ -55°C	No cracking during mandrel bend	RT 1304 Sec 4.3.3
	Flammability	Average flame time: 120 s (max)	ASTM D 635
Electrical	Dielectric strength	350 V/mil (min)	ASTM D 149
Water absorption	-	0.3% (max)	ASTM D 570
Fluid resistance	JP-4 fuel, aviation gasoline, water, hydraulic fluid	Tensile strength 8.5 MPa psi (min) Ultimate elongation 200% (min)	RT-1304 Sec 4.3.3