

-4

Flexible Polyolefin

Applications

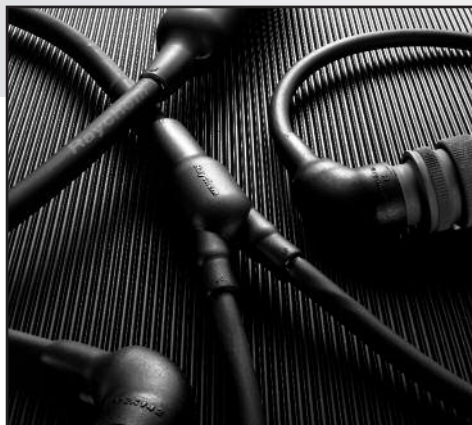
Designed for use in general harnessing applications, where toughness and flexibility are required. -4 moulded parts and shapes are used in systems that require protection from exposure to fluids and heat.

Features & Benefits

- Operating Temperature from -55°C to +135°C
- Flexible, Flame retardant
- Good resistance to fluid and heat

Installation

- Minimum Shrink Temperature +100°C
- Recommended Installation Temperature +150°C



Specifications/Approvals

- UL-224 File E85381
- MIL-I-81765/1, Class II (U.S)
- RT-1304

5

Product Characteristics		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 168hrs @ +175°C	Ultimate elongation 300% (min)	RT-1304 Sec 4.3.3
	Heat shock for 4hrs @ +225°C	No dripping, cracking or flowing	RT-1304 Sec 4.3.5
	Low temperature Flexibility @ -55°C	No cracking	RT-1304 Sec 4.3.4
	Flammability (burn)	120 secs (max)	ASTM D 635
Electrical	Di-electric strength	350 V/mil (min)	ASTM D 149
Water Absorption		0.3% (max)	ASTM D 570
Fluid Resistance		(Minimum)	
	JP-4 fuel	Tensile strength 1200 psi	
	Aviation gasoline	Ultimate elongation 400%	RT-1304 Sec 4.3.3
	Water		
	Hydraulic fluid		