

**-25**

## Fluid resistant modified Elastomer

### Applications

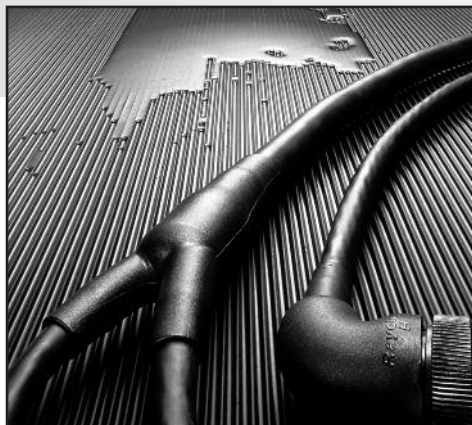
-25 material provides excellent chemical and abrasion resistance at elevated temperatures. The unique balance of properties make it ideal for demanding cable harness systems.

### Features & Benefits

- Operating Temperature -75°C to +150°C
- Excellent chemical and abrasion resistance
- Long-term, high temperature fluid resistance

### Installation

- Minimum Shrink Temperature +135°C
- Recommended Installation Temperature +175°C



### Specifications/Approvals

- Def Stan 59-97 Issue 3 Type DE (Europe)
- MIS-34867 (U.S)
- VG 95343 Parts 6,7,8 & 9 (Europe)
- RT-1325 and RK-6713
- BSG 198 Part 5 Type D-EP (Europe)

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### Product Characteristics

		Specification Requirements	Test Method
<b>Physical</b>	Tensile strength	12 MPa (min)	ISO 37
	Ultimate elongation	400% (min)	ISO 37
	2% secant modulus	80 - 160 Mpa	ASTM D 882
	Specific gravity	1.4 (max)	ISO 1183
<b>Thermal</b>	Heat aging for 168hrs @ +160°C	Ultimate elongation 400% (min)	ISO 37, ISO 188
	Heat shock for 4hrs @ +215°C	Ultimate elongation 400% (min)	ASTM D 2671, ISO 37
	Low temperature flexibility @ -75°C	No cracking during mandrel bend	RK-6713, CL 2.7
	Flammability (burn)	Self extinguishing	RK-6713, CL 2.8
	<b>Electrical</b>	Electric strength	12 MV/m (min)
<b>Water Absorption</b>		0.5% (max)	ISO 62
<b>Fluid Resistance</b>		<b>(Minimum)</b>	<b>(Immersion)</b>
	Aviation fuel F40 & Diesel Fuel F54	Tensile strength 10 MPa Ultimate elongation 300%	ISO 1817, ISO 37 24hrs @ +70°C
	Lubricating oil	Tensile strength 10 MPa Ultimate elongation 300%	ISO 1817, ISO 37 24hrs @ +100°C
	O-156	Tensile strength 10 MPa Ultimate elongation 300%	ISO 1817, ISO 37 24hrs @ +70°C
	Hydraulic fluid	Tensile strength 10 MPa Ultimate elongation 300%	ISO 1817, ISO 37 24hrs @ +70°C
	H-515	Tensile strength 10 MPa Ultimate elongation 300%	ISO 1817, ISO 37 24hrs @ +70°C
	Automotive gasoline	Tensile strength 10 MPa Ultimate elongation 300%	ISO 1817, ISO 37 24hrs @ +70°C
	F46	Tensile strength 10 MPa Ultimate elongation 300%	ISO 1817, ISO 37 24hrs @ +70°C