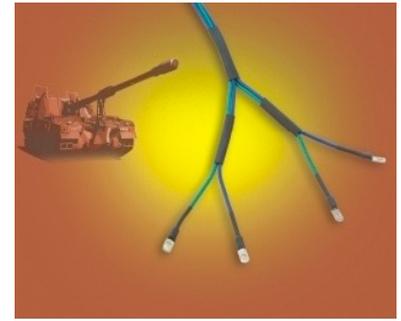


BH-DR

DIESEL-RESISTANT ELASTOMERIC HEAT SHRINKABLE TUBING

Features/Applications

Made from modified radiation cross-linked elastomers, Specially formulated for optimum high temperature fluid resistance, and long term heat resistance. Resistant to aviation and diesel fuels, hydraulic fluids and lubricating oils. Particularly suitable as a jacketing material for military ground vehicle cables and harnesses. It is also ideally suited for demands of motorsports cable harnesses.



- Minimum fully recovery temperature: 175°C
- Meet: SAE-AMS-DTL-23053/16
- Standard color: Clear, Black

Technical Data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-55 to +150°C
Tensile strength	ASTM D 2671	≥13 MPa
Elongation at break	ASTM D 2671	≥500%
Elongation at break after aging	160°C, 168 hrs.	≥220%
Heat shock	215°C, 4 hrs.	No cracking
Flexibility(2% secant)	ASTM D 882	≤50 MPa
Flammability	ASTM D 2671	Self-extinguish in 15sec
Volume resistance	ASTM D 876	≥10 ⁹ Ω .cm
Fluid resistance tensile strength	ISO37 24hrs (diesel 70°C, hydraulic 70°C, lubricant 100°C)	≥10 MPa
Fluid resistance elongation		≥300%

Product Dimensions(mm/inch)

Normal size		As supplied (mm)	After recovered (mm)		*Style	Standard length (m/spool)
Inch	mm	Inside diameter (Min.)	Inside diameter (Max.)	Wall thickness (Nom.)		
1/8	3.2	3.2	1.6	0.76	O	50
3/16	4.8	4.8	2.4	0.85	O	50
1/4	6.4	6.4	3.2	0.90	O	50
3/8	9.5	9.5	4.8	1.02	O	50
1/2	12.7	12.7	6.4	1.22	O	30
3/4	19.1	19.1	9.5	1.45	—	30
1	25.4	25.4	12.7	1.80	—	30
1- 1/2	38.1	38.1	19.1	2.40	—	15

* O: airfilled or oval, * —: flattened