

Diesel-Resistant Heat Shrink Elastomeric Tubing



Model: DRHST

Description

Diesel-Resistant Heat Shrink Elastomeric Tubing is made from modified radiation crosslinked elastomers. The specially designed formulation provides the tubing with high temperature fluid resistant, long term heat resistant and effective protection to cable termination, splices, joints used in military vehicles.

Features

- >Resistance to Diesel
- >Meet: SAE-AMS-DTL-23053/16
- >Minimum fully Recovery Temperature: 175°C
- >Rohs Compliant
- >Standard color: Black

Technical Data

Property	Test Method	Typical Data
Operating temperature	IEC 216	-75°C to +150°C
Tensile strength	ASTM D 2671	≥13MPa
Elongation at break	ASTM D 2671	≥500%
Elongation at break after aging	160°C/168hrs.	≥220%
Heat shock	215°C/4hrs.	No cracking or dropping
Flexibility (2% secant)	ASTM D 882	≤50MPa
Flammability	ASTM D 2671	Self-extinguish in 15sec.
Volume resistance	ASTM D 876	≥109Ω.cm
Fluid resistance tensile strength	ISO37 24hrs. (diesel 70°C, hydraulic 70°C, lubricant 100°C)	≥10MPa
Fluid resistance elongation		≥300%

Specification

Normal Size		As Supplied(mm)		After recovered (mm)		Tube shape	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±0.15	O	100	
3/16	4.8	4.8	2.4	0.84±0.15	O	100	
1/4	6.4	6.4	3.2	0.89±0.15	O	100	
3/8	9.5	9.5	4.8	1.02±0.20	-	50	
1/2	12.7	12.7	6.4	1.22±0.20	-	30	
3/4	19.1	19.1	9.5	1.45±0.28	-	30	
1	25.4	25.4	12.7	1.78±0.28	-	30	
1 1/2	38.1	38.1	19.1	2.41±0.41	-	15	
2	50.8	50.8	25.4	2.79±0.41	-	15	
3	76.0	76.0	38.0	3.18±0.50	-	15	

Tube shape: "O" : Round or Oval, "—": Flat