

Special Products

GDR

Diesel resistant elastomeric tubing

Features

- © 2:1 Shrink Ratio
- © RoHS compliant



Applications

The specially designed formulation provides the tubing with high temperature superior diesel, chemical and abrasion resistance and long term heating resistant and effective protection to cable termination, splices and joint used in military vehicles.

Specification/Approvals

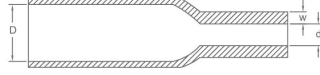
600V

Operating Temp

-55°C to 150°C

Typical technical performances

Test Items	Test Method	Test Requirements
Tensile strength	ASTM D 2671	11.7MPa minimum
Ultimate elongation	ASTM D 2671	250% minimum
Tensile strength after*Aging at 150°C for 168hrs	UL 224	10.3MPa Minimum
Ultimate elongation after*Aging at 150°C for 168hrs	UL 224	200% minimum
Heat shock at 200°C /4hrs	ASTM D 2671	No cracking & dripping
Dielectric strength	ASTM D 2671	11.9kV/mm minimum
Volume resistance	ASTM D 2671	10 ⁹ Ω.cm minimum
Cold bend at -30°C for 1hr	ASTM D 2671	No cracking
Flammability	ASTM D 2671 Proc.B	Self extinguishing in 60sec
Fluid resistance Tensile strength Ultimate elongation	ASTM D 2671, diesel fuel 70°C /24hrs	10.4MPa minimum 200% minimum



Dimensions

Size(Inch)	As supplied(mm)		After recovered (mm)
	D*(Min.)	d*(Max.)	w*(Min.)
1/8	3.2	1.6	0.73
3/16	4.8	2.4	0.80
1/4	6.4	3.2	0.85
3/8	9.5	4.8	0.97
1/2	12.7	6.4	1.16
5/8	15.9	8.0	1.20
3/4	19.1	9.5	1.37
1	25.4	12.7	1.70
1-1/2	38.1	19.1	2.25
2	50.8	25.4	2.40
3	76.2	38.1	2.70

D* = Inner diameter as supplied
d* = Inner diameter after fully recovered
w* = Wall thickness after fully recovered

Ordering information

Color	Standard	Black
Standard packaging	In 1.2-meter [4-foot] lengths or on spools.	
Ordering description	Specify product name, size and color (for example, GDR 3.2/1.6 Black)	
* Other cutting length are available on request.		