

SHRINK RATIO 2:1
SAE-AMS-DTL-23053/5A
CLASS 1, 2 (Clear) & 3 RoHS COMPLIANT
UL 224 VW-1 FLAME TEST

GDR-250 provides optimal insulation for cable assemblies, wire harnesses, and wire connections. It is designed to provide resistance to abrasion, thermal heat, and fluids in demanding environments. It provides excellent protection for wire bundles and may be used for wire identification. JP-8 Fuel resistance and hydraulic fluid resistance.



GDR-250 Applications:

- General Purpose Insulation & Repair
- Wire & Cable Harnessing & Bundling
- Cable & Connector Protection
- Spools Used in Automatic cutting machine

Applications

- Highly Flexible Compared to GMT-221
- Operating Temperature: -75° to 150°C
- Shrink Temperature: 90° to 100°C
- Flame Retardant (UL 224 VW-1)
- Shrink Ratio: 2:1
- Environmentally Friendly

Physical and Electrical Properties

Property	Test Method	Standard	Standard
Tensile Strength, MPa	ASTM D 2671	≥10.4	11.5
Elongation at Break, %	ASTM D 2671	≥400	450
Tensile Strength After Aging, MPa	UL224 158°Cx168h	≥8.0	8.5
Elongation at Break After Aging, %	UL224 158°Cx168h	≥220	350
Dielectric Strength, kV/mm	IEC 60243	≥15	17.5
Flammability	UL224 VW-1	Pass	Pass

Dimensions

As Supplied		After Recovery		Standard Packaging Spool, Ft
Nominal Size, inches	Internal Diameter, mm	Internal Diameter, mm	Wall Thickness, mm	
GDR-250-1/8	3.2	1.6	0.76 ±0.15	500
GDR-250-3/16	4.8	2.4	0.84±0.18	500
GDR-250-1/4	6.4	3.2	0.89±0.15	250
GDR-250-3/8	9.5	4.8	1.02±0.20	250
GDR-250-1/2	12.7	6.4	1.22±0.20	250
GDR-250-3/4	19.0	9.5	1.45±0.28	100
GDR-250-1	25.4	12.7	1.78±0.28	100
GDR-250-1 1/2	38.1	19.0	2.41±0.41	50
GDR-250-2	50.8	25.4	2.79±0.41	50
GDR-250-3	76.0	38.0	3.18±0.50	50

Ordering Information

Color Code: 0=BLK

P/N Example: GDR-1/4-0 = Black 1/4" Tubing