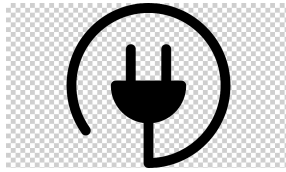


# Graytrade Ltd



*Flexible elastomer heat shrink tubing with excellent resistance to diesel, fluids & solvents. Widely used for insulation, strain relief, and abrasion protection on cables and wiring harnesses.*

This product has the certifications below:



Colours Available:

■ Black

Material Specification:

Material: Elastomer  
Standard(s): UL Approved, RoHS and REACH compliant  
Shrink Ratio: 2:1  
Working Temperature: -75°C to +150°C  
Shrink Temperature: 90°C  
Flammability: VW-1

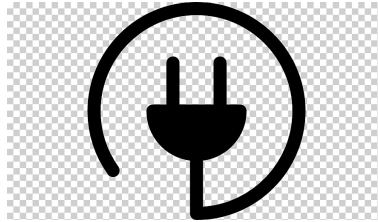
Part Number	Size (pre-shrink)	Size (after shrink)	Lay flat width (pre-shrink)	Colour	Reel Length
CHSDR-3.2	3.2mm	1.6mm	5mm	Black	100m
CHSDR-4.8	4.8mm	2.4mm	8mm	Black	100m
CHSDR-6.4	6.4mm	3.2mm	10mm	Black	100m
CHSDR-9.5	9.5mm	4.8mm	15mm	Black	50m
CHSDR-12.7	12.7mm	6.4mm	20mm	Black	50m
CHSDR-19.1	19.1mm	9.5mm	30mm	Black	30m
CHSDR-25.4	25.4mm	12.7mm	40mm	Black	30m
CHSDR-38.1	38.1mm	19.1mm	60mm	Black	30m

## Graytrade Ltd

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Property	Specification Requirement	Test Method	Typical Result
Longitudinal Shrinkage	<10%	ASTM D 2671	<5%
Tensile Strength	11.7 MPa min	ASTM D 638	>13 MPa
Elongation at break	200% min	ASTM D 638	>400%
Tensile strength after ageing (175oC, 168hrs)	10.3 MPa min	ASTM D 638	>12 MPa
Elongation after ageing (175oC, 168hrs)	200% min	ASTM D 638	>300%
Heat shock (250oC, 4hrs)	No Crack	ASTM D 2671	No Crack
Low temperature flexibility (-55oC, 4hrs)	No Crack	ASTM D 2671	No Crack
Dielectric voltage withstand	2500V, 60 sec, no breakdown	ASTM D 2671	No Breakdown
Dielectric Strength	11.9 KV/mm min	ASTM S 2671	>16 KV/mm
Volume resistivity	109Ω cm min	ASTM D 876	>109Ω cm
Corrosion	No Corrosion	ASTM D 2671	No Corrosion
Flammability	VW-1	UL224	Pass