

Medium Wall Halogen-Free Heat Shrinkable Tubing

Voltage Class 1kV~15kV. Ideal for mechanical and environmental protection of CATV, cable and gas pipeline

Medium wall heat shrinkable tubing with halogen-free radiation cross-linked polyolefin outer layer and heat melt adhesive inner layer

Applications

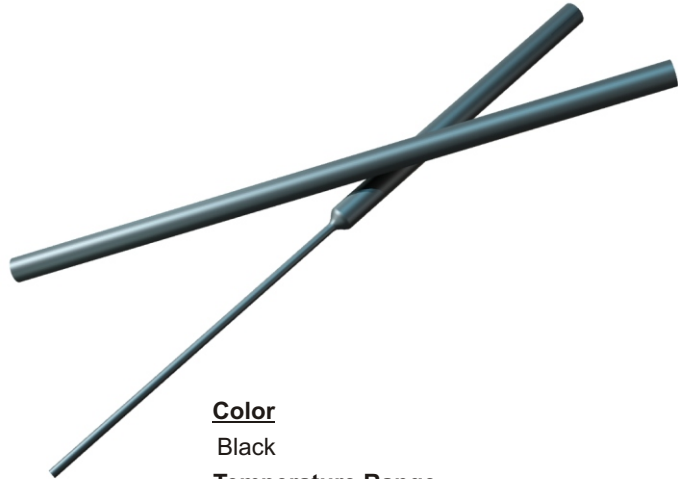
- Protection of CATV, cable joints, gas pipeline & low voltage electrical wiring

Features/Benefits

- Halogen free, environmental friendly
- Non-flame retardant
- Adhesive-line, waterproof and seal against moisture
- High resistance to abrasion and impact

Product Code Cross References

Raychem	:MWTM
DSG Canusa	:CFW/CFTV
LG	:LG-PMWT



Color

Black

Temperature Range

Operating temperature: -55°C ~ 90°C

Shrink Temperature: 125°C

Part Number	Inner Dia. Before shrink (mm)	Max. Inner Dia. After shrink (mm)	Min. wall Thickness after shrink (mm)	Normal Length/pc (m)
HST-1300 (33/11)	33	11	2.5	1.22
HST-1500 (40/12)	40	12	2.5	1.22

Technical Details

Test Item	Test Method	Typical Value
Tensile strength	ASTM D2671	12MPa
Elongation	ASTM D2671	400 %
Specific gravity	ASTM D972	1.2
Elongation after heat aging (168 hrs at 150°C)	ASTM D2671	350 %
Tensile strength after heat aging	ASTM D2671	12MPa
Low temperature flexibility (4 hrs at -55°C)	ASTM D2671	No cracking
Hardness (Shore D)	ASTM D2240	60D
Heat shock (4 hrs at 200°C)	ASTM D2671	No cracking or flowing
Adhesive softening point	ASTM-E28	85°C
Adhesive peel strength to P.E.	ASTM D1000	110N/25mm
Adhesive peel strength to aluminum	ASTM D1000	80N/25mm
Dielectric strength	ASTM D2671	20kV/mm
Volume Resistivity	ASTM D257	10 ¹⁴ Ωcm
Copper corrosion	ASTM D2671	No corrosion
Water absorption	ASTM D570	0.5%
Fungus resistance	ASTM G21	No growth

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