



Dual-Wall Heat Shrinkable

S3(n) Medium Wall Halogen-Free Heat Shrinkable Tubing

Voltage Class 1kV~15kV Ideal for mechanical and environmental protection of CATV,cable joint 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-lined, waterproof and seal against moisture
- High resistance to abrasion and impact

Product Code Cross References

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

Colour

Black

Temperature Range

Operating Temperature : -55 °C ~ 90 °C
Shrink Temperature : 125 °C

Technical Details

Test Item	Test Method	Typical Value
Tensile Strength	ASTM D2671	12MPa
Elongation	ASTM D2671	400%
Specific Gravity	ASTM D792	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 (4hrs 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



Product Selection

Product Code	Min. wall thickness after free recovery(mm)	Standard Length Per Piece (m)
S3(N) -Φ8/2	1.7	1.22
S3(N) -Φ9/3	1.7	1.22
S3(N) -Φ12/4	2.0	1.22
S3(N) -Φ16/5	2.2	1.22
S3(N) -Φ19/6	2.5	1.22
S3(N) -Φ28/9	2.5	1.22
S3(N) -Φ33/10	2.5	1.22
S3(N) -Φ40/12	2.5	1.22
S3(N) -Φ50/16	2.7	1.22
S3(N) -Φ65/19	2.8	1.22
S3(N) -Φ75/22	3.0	1.22
S3(N) -Φ85/25	3.0	1.22
S3(N) -Φ95/25	3.0	1.22
S3(N) -Φ100/30	3.0	1.22
S3(N) -Φ115/34	3.0	1.22
S3(N) -Φ125/40	3.0	1.22
S3(N) -Φ140/42	3.0	1.22
S3(N) -Φ150/45	3.0	1.22
S3(N) -Φ160/50	3.0	1.22
S3(N) -Φ180/60	3.0	1.22
S3(N) -Φ210/70	3.0	1.22
S3(N) -Φ225/75	3.0	1.22
S3(N) -Φ260/85	3.0	1.22

ID: Internal Diameter

Ordering

When ordering this product, please specify 1) Product code 2) Quantity Required