

Medium wall heat shrink tubing in spool

3:1 cross-linked polyolefin



APPLICATIONS

- Electrical insulation of low voltage conductors, cables and accessories up to 0.6/1 kV
- Sealing and protection against abrasion and corrosion on low and medium voltage cables and cable accessories
- Reliable in harsh climatic conditions and in polluted environments

KEY FEATURES

- Excellent mechanical protection
- Resistant to weathering
- Excellent electrical insulation
- High tensile strength
- UV resistant
- Suitable for use in place of adhesive or self-amalgamating insulating tapes

HEAT-SHRINK TUBING

3:1	ref.	item	D/d (mm)	thickness t (mm)	cable/wire diameter range (mm)	spool length (m)	min./mult. ord. qty (m)
	GT30010	GTMS-10/3-A/U	12/3	1.7	4.8 – 10.2	40	40
	GT30016	GTMS-16/5-A/U	16/5	2.0	7.2 – 13.8	40	40
	GT30025	GTMS-25/8-A/U	28/6	2.6	10.4 – 23.6	40	40
	GT30035	GTMS-35/12-A/U	40/12	2.6	18 – 34	30	30
	GT30050	GTMS-50/16-A/U	55/16	2.7	24 – 47	25	25
	GT30063	GTMS-63/19-A/U	65/19	2.9	28 – 56	15	15
	GT30075	GTMS-75/22-A/U	75/22	3.0	33 – 64	10	10



D Supplied diameter (before shrinkage)
d Recovered diameter (after free shrinkage)
t Recovered thickness (after free shrinkage)

Tensile strength (ISO37)
14 MPa (min)

Elongation (ISO 37)
350 % (min)

Hardness (ISO 868)
≥ 45 shore D

Heat resistance (IEC 60216)
120 °C (min)

Dielectric strength (IEC 60243)
≥ 10 kV/mm (min)

Volume resistivity (IEC 60093)
1×10¹⁰ Ω·cm (min)

Water absorption (ISO 62 method 1) ≤0.25% (max) after 14 days at 23 °C

Low temperature Flexibility (ASTM D2671 procedure C)
No cracking after 4 hours at -40°C

Accelerated ageing (ISO 188) (7 days at 150 °C)

Tensile strength (ISO37)
14 MPa (min)
 Elongation (ISO 37)
350 % (min)

Resistance to liquids (ISO 1817) (7 days in transformer oil at 23 °C)

Tensile strength (ISO37)
14 MPa (min)
 Elongation (ISO 37)
300 % (min)



Shrink ratio



Directive EU 2015/863 (RoHS 3) Compliant



Halogen free

