



Hot melt sealant

Sealings tubings are internally coated with hot melt sealant, which ensures effective moisture sealing even in presence of irregular shapes and surfaces



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, accessories and components.
- Reliable in harsh climatic conditions and in polluted environments
- Continuous immersion installations

KEY FEATURES

- Medium wall cross-linked polyolefin with high electrical performance and mechanical strength
- UV-stabilized against irradiation and weathering
- Carbon black additivated
- Halogen-, silicone-, lead- and aluminium-free
- Non-toxic, non-corrosive
- Colour black
- Unlimited shelf life

Tensile strength (ISO37)
14 MPa (min)

Elongation (ISO 37)
350 % (min)

Hardness (ISO 868)
≥ 45 shore D

Heat resistance (IEC 60216)
(tubing without sealant)
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



Compliant to Directive
EU 2015/863 (RoHS 3)



Halogen free

3:1	ref.	item	D/d (mm)	bar length (m)	thickness t (mm)	cable diameter range (mm)	min./ mult. ord. qty (pcs)	
							pack. (pcs)	ord. qty (pcs)
	GT31010	GTMS-10/3-1000/S	12/3	1.0	1.8	4.8 – 10.2	10	10
	GT31016	GTMS-16/5-1000/S	16/5	1.0	2.0	7.2 – 13.8	10	10
	GT31025	GTMS-25/8-1000/S	28/6	1.0	2.7	10.4 – 23.6	10	10
	GT31035	GTMS-35/12-1000/S	40/12	1.0	2.7	18 – 34	10	10
	GT31050	GTMS-50/16-1000/S	55/16	1.0	2.7	24 – 47	5	5
	GT31063	GTMS-63/19-1000/S	65/19	1.0	2.9	28 – 56	5	5
	GT31075	GTMS-75/22-1000/S	75/22	1.0	3.0	33 – 64	5	5
	GT31085	GTMS-85/25-1000/S	85/25	1.0	3.2	37 – 73	1	1
	GT31095	GTMS-95/29-1000/S	95/25	1.0	3.5	39 – 81	1	1
	GT31115	GTMS-115/34-1000/S	115/34	1.0	3.5	50 – 99	1	1
	GT31140	GTMS-140/42-1000/S	140/42	1.0	3.5	62 – 120	1	1
	GT31160	GTMS-160/50-1000/S	160/50	1.0	3.3	72 – 138	1	1
	GT31180	GTMS-180/60-1000/S	180/58	1.0	3.3	82 – 156	1	1



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