

Technical Data Sheet

Bedding, Binding & Barrier Tape

GECA-TAPES

Semi-conductive polyester nonwoven water blocking binding tape, pinhole free solution under extruded cable components.

Applications

- High tensile conductor wrapping with water blocking feature
- Semi-conductive wrapping applications in energy cables where longitudinal water blocking is required

Characteristics

- Colour: black
- Traverse wound spool available

Type of Cable

- Medium voltage cable
- High voltage cable

Product Information

Typical Properties (T = 23°C - RH = 50%)	GTS611	Test Method
Mass Per Unit Area (g/m ²)	179	ISO-9073-1
Thickness (mm)	0.38	ISO-9073-2
Tensile Strength (N/cm)	125	ISO-9073-3
Elongation (%)	14	ISO-9073-3
Swelling Speed (mm/1'00")	2	GTEST20*
Swelling Height (mm/3'00")	5,0/10'00"	GTEST20*
Maximum Processing Temperature (°C)	230	GTEST12*
Maximum Service Temperature (°C)	90	IEC-216
Surface Resistance (Ω/□)	1000	IEC-167
Volume Resistance (MΩ.cm)	0.5	DIN-54345

*Geca-Tapes Test Method

When ordering, please specify slit width, inner diameter and maximum outside diameter.

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Extrusion Penetration
Resistant



Excellent Binding



Pin Hole Free Barrier