

## Technical Data Sheet

Semi-Conductive Water Blocking Tape

**GECA-TAPES**

Semi-conductive TopSwell polyester tape, with high performance water blocking properties and great flexibility for easy processing.

### Applications

- General water blocking of open spaces inside all power cables
- Longitudinal water blocking of screen area of medium voltage cables

### 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%)	GTC2030	Test Method
Mass Per Unit Area (g/m <sup>2</sup> )	105	ISO-9073-1
Thickness (mm)	0.45	ISO-9073-2
Tensile Strength (N/cm)	55	ISO-9073-3
Elongation (%)	12	ISO-9073-3
Swelling Speed (mm/1'00")	8	GTEST20*
Swelling Height (mm/3'00")	12	GTEST20*
Maximum Processing Temperature (°C)	230	GTEST12*
Maximum Service Temperature (°C)	90	IEC-216
Surface Resistance (Ω/□)	1500	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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Exceptional  
Swelling Height



Rapid Swelling  
Speed



Proven Long  
Term Stability

A Brand of  
**Berry**