

GFS2140

Cable **People**
for Cable **Makers**

Technical Data Sheet

Semi-Conductive Water Blocking Tape

GECA-TAPES

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

Applications

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

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%)	GFS2140	Test Method
Mass Per Unit Area (g/m ²)	120	ISO-9073-1
Thickness (mm)	0.56	ISO-9073-2
Tensile Strength (N/cm)	50	ISO-9073-3
Elongation (%)	13	ISO-9073-3
Swelling Speed (mm/1'00")	12	GTEST20*
Swelling Height (mm/3'00")	18	GTEST20*
Maximum Processing Temperature (°C)	230	GTEST12*
Maximum Service Temperature (°C)	90	IEC-216
Surface Resistance (Ω/□)	500	IEC-167
Volume Resistance (MΩ.cm)	0.1	DIN-54345

*Geca-Tapes Test Method

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

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Proven Long
Term Stability



FreeSwell
Direct Swelling



Exceptional
Swelling Height

A Brand of
Berry