

GFS5810

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

Technical Data Sheet

Semi-Conductive Water Blocking Woven Tape

GECA-TAPES

Semi-conductive water blocking woven tape with excellent binding features and high flexibility for easy processing.

Applications

- Water blocking around power cable conductors
- Binding of high voltage cable conductors
- Barrier for extrusion materials

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%)	GFS5810	Test Method
Mass Per Unit Area (g/m ²)	120	ISO-9073-1
Thickness (mm)	0.32	ISO-9073-2
Tensile Strength (N/cm)	145	ISO-9073-3
Elongation (%)	20	ISO-9073-3
Swelling Speed (mm/1'00'')	2.5	GTEST20*
Swelling Height (mm/3'00'')	3.5	GTEST20*
Maximum Processing Temperature (°C)	230	GTEST12*
Maximum Service Temperature (°C)	145	IEC-216
Surface Resistance (Ω/□)	700	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.

+33 (0) 3 28 43 74 74 info@geca-tapes.com geca-tapes.com

PGI Geca-Tapes, ZI de la Blanche Maison, Avenue des Nations Unies, BP 109, 59270 Bailleul, France



Exceptional Tensile
Strength



Extrusion Penetration
Resistant



Conductor Water
Blocking