

GFS1105

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

Technical Data Sheet

Non-Conductive Water Blocking Tape

GECA-TAPES

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

Applications

- Longitudinal water blocking inside power cable conductor
- General water blocking inside telecom or special cables

Characteristics

- Colour: white
- Traverse wound spool available

Type of Cable

- Medium voltage cable
- High voltage cable
- Fiber optic cable

Product Information

Typical Properties (T = 23°C - RH = 50%)	GFS1105	Test Method
Mass Per Unit Area (g/m ²)	45	ISO-9073-1
Thickness (mm)	0.15	ISO-9073-2
Tensile Strength (N/cm)	30	ISO-9073-3
Elongation (%)	13	ISO-9073-3
Swelling Speed (mm/1'00")	2.5	GTEST20*
Swelling Height (mm/3'00")	3	GTEST20*
Maximum Processing Temperature (°C)	230	GTEST12*
Maximum Service Temperature (°C)	90	IEC-216

*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



Proven Long
Term Stability



Rapid Swelling
Speed



Reduced Thickness