

GTM422

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

Technical Data Sheet

Semi-Conductive Marine Water Blocking Tape

GECA-TAPES

Semi-conductive marine grade water blocking polyester tape, with high performance water blocking properties in saline conditions and excellent bedding features.

Applications

- Water blocking around marine cable conductors
- General water blocking under metallic screen of marine power cables

Characteristics

- Colour: black
- Traverse wound spool available

Type of Cable

- Marine power cable
- Oil & gas umbilical cable
- General subsea cable systems

Product Information

Typical Properties (T = 23°C - RH = 50%)	GTM422	Test Method
Mass Per Unit Area (g/m ²)	190	ISO-9073-1
Thickness (mm)	0.59	ISO-9073-2
Tensile Strength (N/cm)	60	ISO-9073-3
Elongation (%)	13	ISO-9073-3
Swelling Speed (mm/1'00")	2,5*	GTEST53*
Swelling Height (mm/3'00")	3/3'00"*	GTEST53*
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.

+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



Marine Grade
Swelling



Excellent Gel
Stability

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