

# GTM423

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 extra high performance water blocking properties in saline conditions and excellent bedding features.

### Applications

- Water blocking in large size marine cable designs
- 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%)	GTM423	Test Method
Mass Per Unit Area (g/m <sup>2</sup> )	250	ISO-9073-1
Thickness (mm)	0.68	ISO-9073-2
Tensile Strength (N/cm)	50	ISO-9073-3
Elongation (%)	14	ISO-9073-3
Swelling Speed (mm/1'00")	4,2 *	GTEST53*
Swelling Height (mm/3'00")	5,2/3'00" *	GTEST53*
Maximum Processing Temperature (°C)	230	GTEST12*
Maximum Service Temperature (°C)	90	IEC-216
Surface Resistance (Ω/□)	1000	IEC-167
Volume Resistance (MΩ.cm)	0.3	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



Extreme Marine  
Grade Swelling



Excellent Gel  
Stability

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