



GECA-TAPES

CABLE PEOPLE FOR CABLE MAKERS

A leading supplier of non-woven
and woven swellable tapes and
yarns for the cable industry

geca-tapes.com



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A TRUE SOLUTIONS PROVIDER

For more than three decades, we have served cable makers with superior solutions for applications including power, data, and telecommunications. Over time we have developed an unrivaled portfolio of high-quality water blocking products and other specialty materials.



Innovation and quality

Since 1986, we have been innovating and increasing our capabilities and industry understanding to meet and exceed the demands of our worldwide customers.

From our base in Bailleul, France we have complete control of our manufacturing and quality processes. The strategically located site features state-of-the-art equipment, dedicated research and development facilities, as well as superior in house capabilities. Our on-site converted capabilities include non-woven production, impregnation, scattered powder coating, inspection, and slitting capabilities.



Product range

- Semi-conductive water blocking tapes
- Non-conductive water blocking tapes
- Film laminated water blocking tapes
- Binding, bedding and barrier tapes
- Woven, Foam and Marine tapes
- Water blocking yarns





APPLICATIONS

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Trusted supplier and innovation partner for a wide range of applications

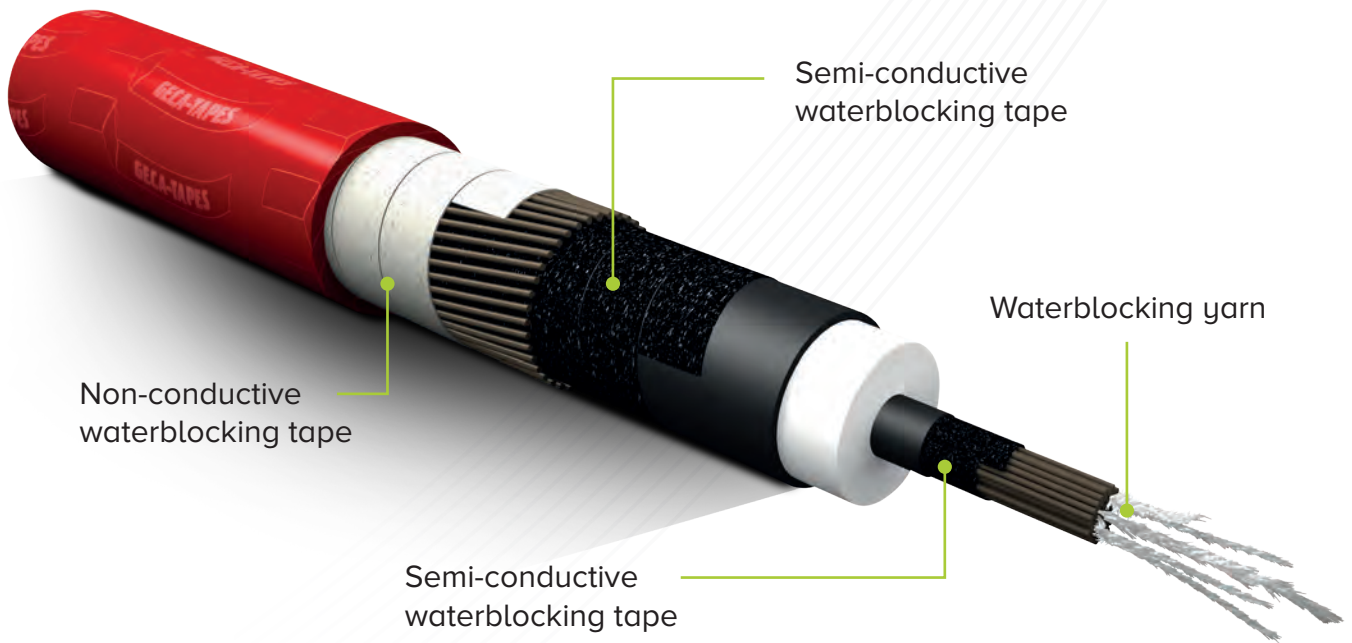
- Power cable
- Telecom Cable
- Specialty Cable

POWER CABLE:

MEDIUM AND HIGH VOLTAGE

We supply a wide range of water blocking solutions for medium, high, and extra high voltage power cables

Our swellable tape and yarn solutions, coupled with a variety of super-absorbent powder options, help ensure long-term defense against water damage



Features and benefits

- Proven long-term stability
- Fast swelling speed
- Excellent swelling height
- Superior gel strength
- Easy processing
- High tear-resistance
- High tensile strength
- Advanced water blocking
- Spooling solutions for up to 29 km of tape

POWER CABLE: *SUBMARINE*

We offer strong and high-quality solutions for the submarine industry which are able to perform in harsh subsea environments

Our range of non-conductive, semi-conductive tapes, and non-wovens deliver advanced water blocking and corrosion protection at depth



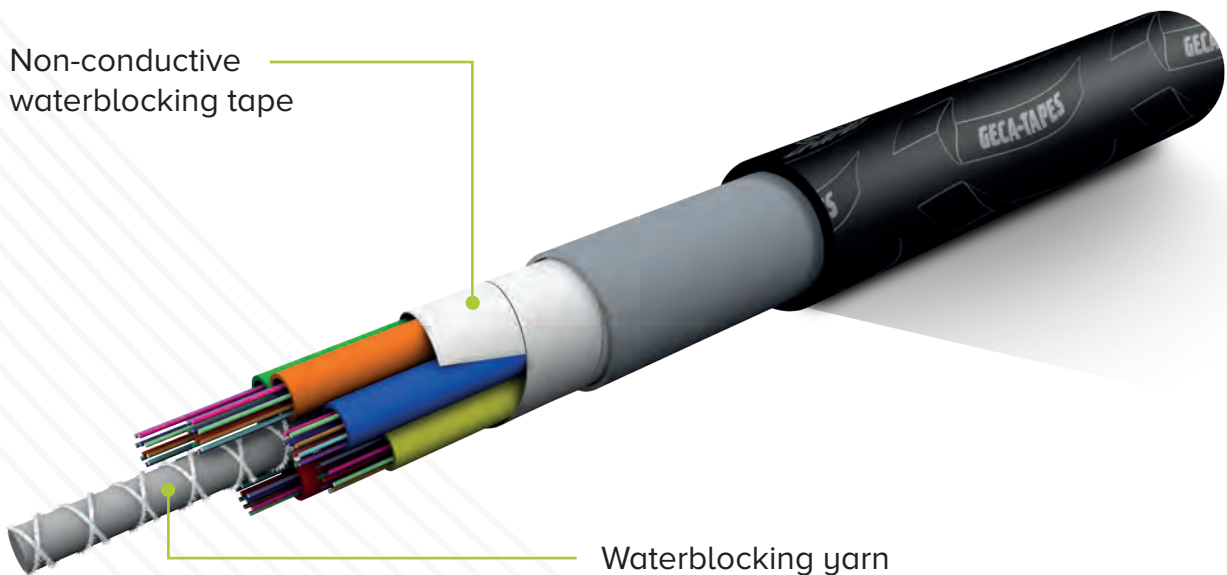
Features and benefits

- Proven long-term stability
- Excellent swelling height (up to 5 mm in salt water)
- Avoid multi-layer tape solutions
- Fast swelling speed
- Easy processing
- Reduced electrical resistance within the cable

TELECOM CABLE

Our materials have been proven to protect fiber optic cables across a range of designs and environments

You can trust our durable water blocking tapes, high-performance adhesives, and swellable yarns to deliver consistent performance over a long period of time



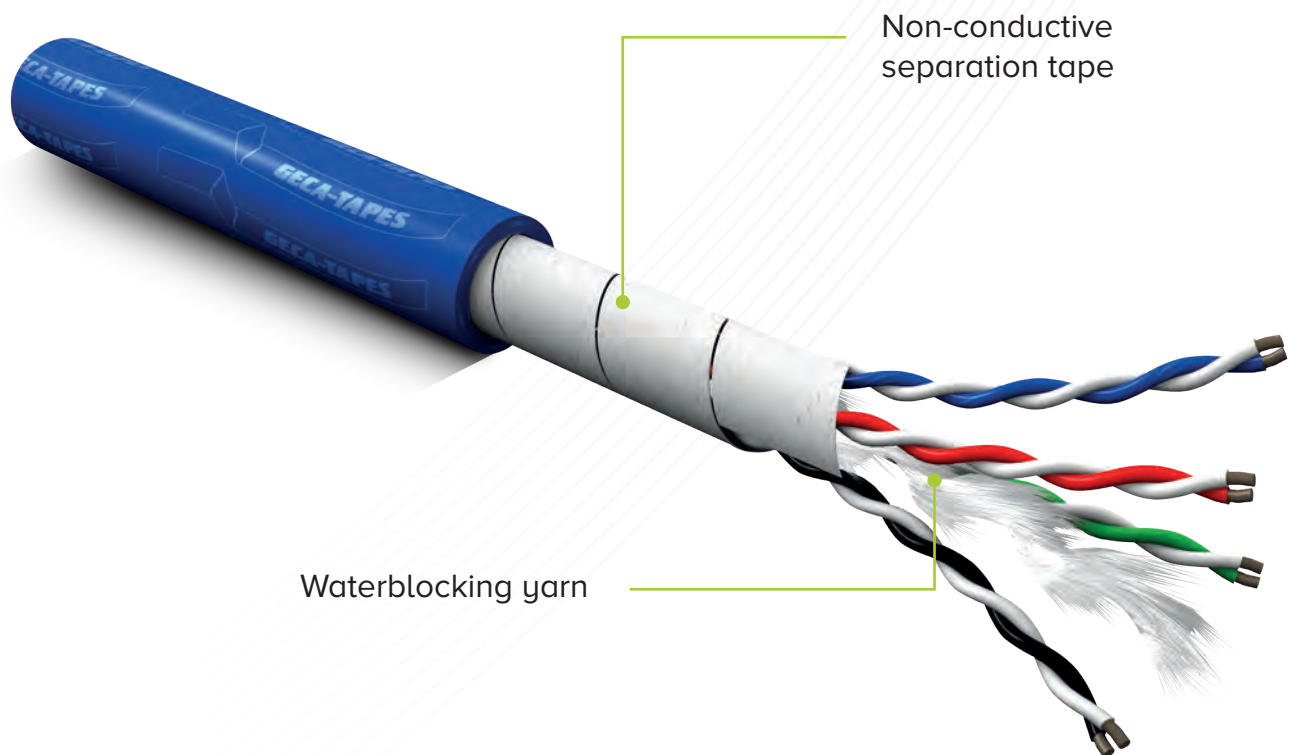
Features and benefits

- Proven long-term stability
- Excellent gel strength
- Easy processing
- Ultra-thin materials
- Fast swelling speed

SPECIALTY CABLE

Our specialty cable solutions cater to an extensive range of specific markets including automotive, robotic, industrial, and railway industries

We produce a wide range of water blocking materials for control and data cables used in pilot cables and quad cables



Features and benefits

- Proven long-term stability
- Highly-flexible
- No noise during cable manipulation
- Easy processing
- High tensile strength

GENERAL PRODUCT MATRIX

| Product code | Properties | Mass (g/m ²) | Thickness (mm) | Tensile Strength (N/cm) | Swelling Speed (mm/1'00") | Swelling Height (mm/2'00") |
|---|------------|-----------------------------|-------------------|----------------------------|------------------------------|-------------------------------|
| Bedding, Binding & Barrier Tapes | | | | | | |
| GT300 | □ | 20 | 0.034 | 10 | - | - |
| GT301 | □ | 40 | 0.055 | 32 | - | - |
| GT303 | □ | 25 | 0.040 | 14 | - | - |
| GT310 | □ | 100 | 0.12 | 100 | - | - |
| GT311 | □ | 40 | 0.15 | 30 | - | - |
| GT402 | □ | 78 | 0.13 | 85 | - | - |
| GT403 | □ | 110 | 0.15 | 110 | - | - |
| GT405 | □ | 50 | 0.10 | 70 | - | - |
| GT607EL | ■ | 52 | 0.30 | 40 | - | - |
| GT607/85 | ■ | 80 | 0.40 | 57 | - | - |
| GT608 | ■ | 96 | 0.18 | 85 | - | - |
| GT611 | ■ | 122 | 0.14 | 110 | - | - |
| GTS608 | ◆■ | 150 | 0.38 | 110 | 3 | 7.0/10'00" |
| GTS611 | ◆■ | 179 | 0.38 | 125 | 2 | 5.0/10'00" |
| Non-Conductive Water Blocking Tapes | | | | | | |
| GTI1020 | ◆□ | 73 | 0.27 | 38 | 6 | 8 |
| GTI1030 | ◆□ | 83 | 0.33 | 38 | 8 | 12 |
| GTI1230 | ◆□ | 100 | 0.36 | 50 | 8 | 12 |
| GTI1240 | ◆□ | 115 | 0.39 | 50 | 12 | 18 |
| GTI1530S | ◆□ | 103 | 0.39 | 80 | 8 | 12 |
| GFS1105 | ◆□ | 45 | 0.15 | 30 | 2.5 | 3 |
| GFS1110 | ◆□ | 50 | 0.19 | 30 | 4 | 6 |
| GFS1120 | ◆□ | 56 | 0.22 | 30 | 6 | 8 |
| GFS1130 | ◆□ | 68 | 0.25 | 30 | 8 | 12 |
| GFS1140 | ◆□ | 87 | 0.28 | 30 | 12 | 18 |
| Semi-Conductive Water Blocking Tapes | | | | | | |
| GTC2030BL | ◆■ | 105 | 0.30 | 50 | 8 | 12 |
| GTC2040 | ◆■ | 114 | 0.48 | 55 | 12 | 18 |
| GTC2040BL | ◆■ | 114 | 0.36 | 50 | 9 | 15 |
| GTC2230 | ◆■ | 112 | 0.50 | 50 | 8 | 12 |
| GTC2240 | ◆■ | 124 | 0.52 | 50 | 12 | 18 |
| GTC2340 | ◆■ | 142 | 0.60 | 60 | 12 | 18 |
| GTC2540 | ◆■ | 153 | 0.53 | 90 | 12 | 18 |
| GTC2940 | ◆■ | 125 | 0.59 | 52 | 12 | 18 |

□ Non-Conductive ■ Semi-Conductive ◆■ Semi-Conductive Water Swellable ◆□ Non-Conductive Water Swellable

GENERAL PRODUCT MATRIX

| Product code | Properties | Mass (g/m ²) | Thickness (mm) | Tensile Strength (N/cm) | Swelling Speed (mm/1'00") | Swelling Height (mm/2'00") |
|--|------------|--------------------------|----------------|-------------------------|---------------------------|----------------------------|
| Marine Tapes | | | | | | |
| GTM412 | ■ □ | 166 | 0.47 | 60 | 2.5* | 3.0/3'00" |
| GTM422 | ■ ■ | 190 | 0.59 | 60 | 2.5* | 3.0/3'00" |
| GTM423 | ■ ■ | 250 | 0.68 | 50 | 4.2* | 5.2/3'00" |
| GTM522 | ■ ■ | 200 | 0.64 | 75 | 2.5* | 3.0/3'00" |
| GTF733M | ■ ■ | 260 | 1.90 | 48 | 1.5* | 3.0/3'00" |
| Film Laminated Water Blocking Tapes | | | | | | |
| GFL9020 | ■ □ | 80 | 0.23 | 45 | 4 | 6 |
| Foam Tapes | | | | | | |
| GTF735 | ■ ■ | 260 | 2.50 | 60 | 5 | 10/10'00" |
| GTF150 | □ | 150 | 1.20 | 50 | - | - |
| GTF533 | ■ | 150 | 1.60 | 45 | - | - |
| Woven Tapes | | | | | | |
| GTBT5408 | □ | 85 | 0.10 | 150 | - | - |
| GTBT5806 | ■ | 70 | 0.10 | 110 | - | - |
| GTBT5810 | ■ | 100 | 0.11 | 150 | - | - |
| GTBT5835 | ■ | 170 | 0.20 | 350 | - | - |
| GFS5825 | ■ ■ | 160 | 0.24 | 250 | 3 | 3.5/10'00" |
| GTBT5810VHB | ■ | 155 | 0.15 | 135 | - | - |

*Test in salt water

| Product code | Properties | Tensile Strength (N) | Absorption Speed (ml/g/1'00") | Absorption Capacity (ml/g) | Dry Diameter (mm) |
|-----------------------------|------------|----------------------|-------------------------------|----------------------------|-------------------|
| Water Blocking Yarns | | | | | |
| GTA1.75 | ■ □ | 100 | 40 | 44 | 6.5 |
| GTA3.5 | ■ □ | 70 | 60 | 70 | 4.0 |
| GTA5.0 | ■ □ | 70 | 60 | 70 | 3.0 |
| GTA10 | ■ □ | 60 | 38 | 45 | 2.0 |
| GTA20 | ■ □ | 45 | 43 | 50 | 1.3 |
| GTA35 | ■ □ | 35 | 38 | 45 | 0.8 |
| GTA50 | ■ □ | 35 | 38 | 45 | 0.7 |
| GTB50 | ■ □ | 25 | 25 | 35 | 0.6 |
| GTB100 | ■ □ | 12 | 25 | 35 | 0.4 |
| GTB200 | ■ □ | 6 | 25 | 35 | 0.2 |

□ Non-Conductive ■ Semi-Conductive ■ ■ Semi-Conductive Water Swellable ■ □ Non-Conductive Water Swellable



A GLOBAL BRAND

Your Partner of Choice

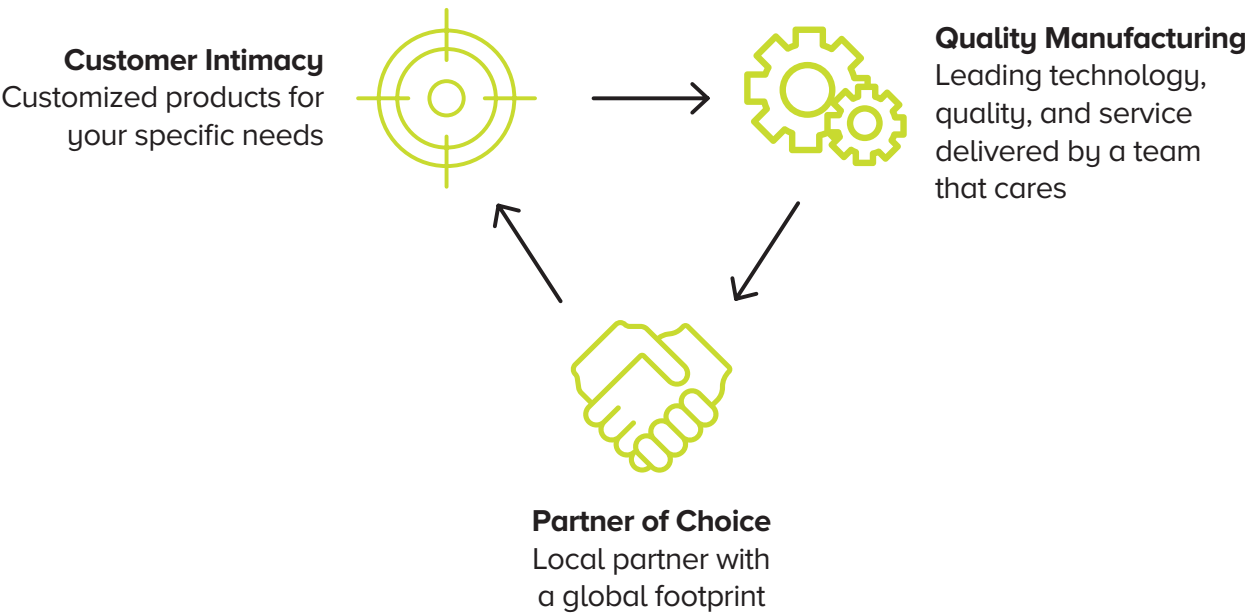
We are cable experts and we pride ourselves on our ability to deliver a complete package from fiber to finished products. Everything we do is driven by our commitment to partner for excellence, our determination to deliver the highest quality products, and our passion for improvement, all guided by a corporate culture that places safety and trust above all else.

Our three decades of experience, coupled with our rich depth of capabilities and our commitment to quality and service, ensure we serve your cable needs with value-driven solutions.



Over **30** years
of serving cable
makers worldwide

Supporting the cable industry with superior solutions





To make Geca-Tapes a part of your cable manufacturing process, please contact us at:

✉ info@geca-tapes.com

geca-tapes.com