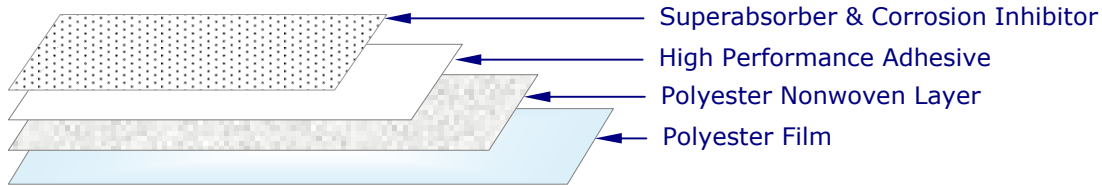




# FreeSwell® Non Conductive PE Film Laminated Waterblocking Tape

Technical Data Sheet  
**GFL9130**



## Characteristics

White Colour

Thin Material

RoHS & REACH Compliant



## Typical Applications

Copper Telephone Cable Core

Fibre Optics Cable Core

Data, Control Cable Core

To Prevent Compound Intrusion

To Prevent Jelly Migration

## Benefits

Proven Long Term Stability

Fast Swelling Speed

Excellent Gel Strength

Easy Processing

Excellent dielectric strength

## Typical Properties (T = 23°C - RH = 50%)

	<b>GFL9130</b>	<b>Unit</b>	<b>Test Method</b>
<b>Mass per Unit Area</b>	110	g/m <sup>2</sup>	ISO-9073-1
<b>Film Thickness</b>	23	µm	ISO-9073-2
<b>Total Thickness</b>	0.25	mm	ISO-9073-2
<b>Tensile Strength</b>	55	N/cm	ISO-9073-3
<b>Elongation</b>	14	%	ISO-9073-3
<b>Swelling Speed</b>	7	mm/1'00"	GTEST20*
<b>Swelling Height</b>	10	mm/2'00"	GTEST20*
<b>Maximum Processing Temperature</b>	230	°C	GTEST12*
<b>Maximum Service Temperature</b>	90	°C	IEC-216

\*Geca-Tapes test method

## Packaging

<b>Typical Minimum Slit Width</b>	9 mm
<b>Standard Core Inside Diameter</b>	76 mm
<b>Pad Outside Diameter</b>	Various
<b>Traverse Wound Spool Available</b>	YES

Other packaging combinations available.  
Please contact Geca-Tapes for details.

## Storage & Handling Recommendations

Optimum storage conditions: T = 18-28°C, RH ≤ 50%

Protect material from dust, humidity, heat, liquids

Store material in original, sealed packaging when not used

See Info Sheet GIS006 available from our website for further information on storage, handling, processing and warranty.

## Ordering Information

When ordering, please specify slit width, inner diameter and maximum outside diameter.

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

T +33(0)3 28 43 74 74 | F +33(0)3 28 43 74 63 | info@geca-tapes.com | www.geca-tapes.com

## Technical Support

Geca-Tapes will help you through your design process until the most suitable waterblocking solution is selected and proven successful, and can advise on a wide range of topics related to waterblocking tapes and yarns processing.

Please see the Information Sheets available from our website for further information and typical applications for this product or contact us at [techinfo@geca-tapes.com](mailto:techinfo@geca-tapes.com).