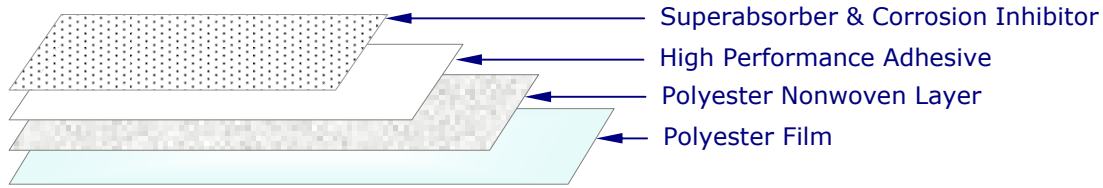




FreeSwell® Non Conductive PE Film Laminated Waterblocking Tape

Technical Data Sheet
GFL9010



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%)

	GFL9010	Unit	Test Method
Mass per Unit Area	79	g/m ²	ISO-9073-1
Film Thickness	12	µm	ISO-9073-2
Total Thickness	0.23	mm	ISO-9073-2
Tensile Strength	45	N/cm	ISO-9073-3
Elongation	13	%	ISO-9073-3
Swelling Speed	2.5	mm/1'00"	GTEST20*
Swelling Height	4	mm/2'00"	GTEST20*
Maximum Processing Temperature	230	°C	GTEST12*
Maximum Service Temperature	90	°C	IEC-216

*Geca-Tapes test method

Packaging

Typical Minimum Slit Width	9 mm
Standard Core Inside Diameter	76 mm
Pad Outside Diameter	Various
Traverse Wound Spool Available	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.
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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.