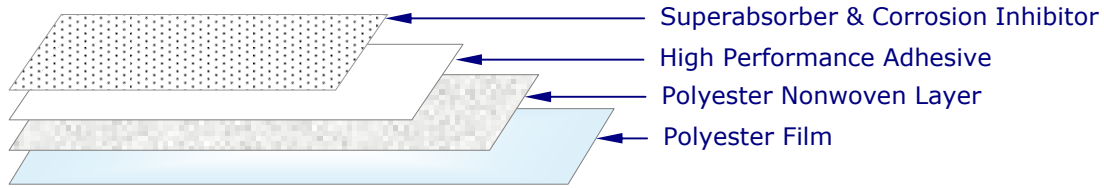




FreeSwell® Non Conductive PE Film Laminated Waterblocking Tape

Technical Data Sheet
GFL9020



Characteristics

| |
|------------------------|
| White Colour |
| Thin Material |
| RoHS & REACH Compliant |
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Typical Applications

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| Copper Telephone Cable Core |
| Fibre Optics Cable Core |
| Data, Control Cable Core |
| To Prevent Compound Intrusion |
| To Prevent Jelly Migration |

Benefits

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|-------------------------------|
| Proven Long Term Stability |
| Fast Swelling Speed |
| Excellent Gel Strength |
| Easy Processing |
| Excellent dielectric strength |

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

| | GFL9020 | Unit | Test Method |
|--------------------------------|---------|------------------|-------------|
| Mass per Unit Area | 83 | 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 | 4 | mm/1'00" | GTEST20* |
| Swelling Height | 6 | 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

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|---|
| 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.