POLYFLEX ® 136R

Single Coated Polyethylene Tape - 9 Mils

DESCRIPTION

Polyflex® 136 is a heavy-duty, polyethylene film, single coated with a synthetic rubber pressure sensitive adhesive. This professional grade product is also formulated to meet the FR requirements of both NFPA 701 and ASTM E84 standards (which is comparable to UL 723).

APPLICATIONS

- Agricultural general purpose repair and protection.
- Wire identification.
- High durability surface protection.
- Splicing of standard or FR Polyethylene sheeting and wrapping.
- General industrial masking, bundling, splicing and repair applications.
- All-purpose waterproof sealing applications.
- Plain colours also used for lane marking and social distancing applications

PRODUCT BENEFITS

- Provides a water tight seal and humidity resistance in a range of weather conditions.
- Low-residue aggressive adhesive allowing material to be repositioned.
- Bonds well to most surfaces over a wide temperature range.
- Serrated edge option facilitates easy tear by hand.
- Higher tack with excellent bond strength.
- Increased thickness for additional durability.
- Good conformability for application to rough or irregular surfaces.
- Passes the flame retardant requirements of the National Fire Protection Association (NFPA) 701 standard.
- Conforms to the ASTM buildings materials fire test E84 – Class 1 or A rating (comparable with UL 723)

This Technical Data Sheet (TDS) is provided by Scapa for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed. The results shown in this TDS may not be relevant to all users of the product and it is the user's responsibility to determine the suitability of the product for its intended purpose. Scapa expressly disclaims all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS. Scapa does not exclude liability for death or personal injury arising from its negligence or fraud. Scapa refers to Scapa Group plc and its subsidiaries.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Total Thickness	9.0 (.23)	Mils (mm)	REN TM 20
Adhesion to Steel	85 (23.6)	Oz/Inch (N/25mm)	PSTC - 101 Mod
Adhesion to Backing	40 (11.3)	Oz/Inch (N/25mm)	PSTC - 101 Mod
Tensile Strength	22 (96)	lbs. / inch (N/25mm)	ASTM D1000
Elongation	100	%	ASTM D1000
Operating Temperature Range	14 to 158 (-10 to 70)	°F (°C)	-
Permeability to Water Vapour	0.2	g/m²/24h	ASTM E96

STANDARD PRESENTATIONS

- Branding: Available on an MIC (Made in Canada) core as standard. Customised cores subject to enquiry
- Roll Length: 55m as standard (US/CA) or 33m (EU). Other lengths subject to request and volume
- Width: Standard widths are 48,72,96mm. Other widths may be available on request.
- Colours: Available in black, white, red, blue, blue and orange as standard (US/CA only)

RECOMMENDATIONS

Application to Surface: Unwind adhesive film or tape and apply the adhesive side to the mounting surface. Apply firm pressure. Recommended application temperature to achieve best results is 65 F (18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F (18°C) or above.

NOTE:
1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminates such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.

2. Shelf life is up to two years from date of shipment when stored in a cool dry place below 76°F (24°C). Rolls should be stored on end.

This Technical Data Sheet (TDS) is provided by Scapa for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed. The results shown in this TDS may not be relevant to all users of the product and it is the user's responsibility to determine the suitability of the product for its intended purpose. Scapa expressly disclaims all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS. Scapa does not exclude liability for death or personal injury arising from its negligence or fraud. Scapa refers to Scapa Group plc and its subsidiaries.