



# Technical DATA

## POLYFLEX<sup>®</sup> 133R

Single Coated Polyethylene Tape - 7.5 Mils

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### DESCRIPTION

Polyflex<sup>®</sup> 133 is a conformable, 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 (comparable to UL 723) standards.

### APPLICATIONS

- Hanging, splicing, seaming and patching of Polyethylene or FR Polyethylene sheeting and heavy duty tarpaulins.
- Sealing of PE waste disposal bags.
- Multi-purpose sealing, bonding and repair within asbestos/abatement removal applications.
- General surface protection of a range of materials.
- Temporary masking.

### 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.
- Durable and strong.
- 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)

## TECHNICAL PROPERTIES

| Technical Property           | Nominal Value         | Unit                    | Test Method    |
|------------------------------|-----------------------|-------------------------|----------------|
| Total Thickness              | 7.5 (.19)             | Mils (mm)               | REN TM 20      |
| Adhesion to Steel            | 75 (21.18)            | Oz/Inch<br>(N/25mm)     | PSTC - 101 Mod |
| Adhesion to Backing          | 35 (9.9)              | Oz/Inch<br>(N/25mm)     | PSTC - 101 Mod |
| Tensile Strength             | 24 (105)              | lbs. / inch<br>(N/25mm) | ASTM D1000     |
| Elongation                   | 70                    | %                       | ASTM D1000     |
| Operating Temperature Range  | 14 to 158 (-10 to 70) | °F to °F<br>(°C to °C)  | -              |
| Permeability to Water Vapour | 0.7                   | g/m <sup>2</sup> /24h   | ASTM E96       |

## STANDARD PRESENTATIONS

- Branding: Available on an MIC (Made in Canada) core in US/Canada and on Scapa core in Europe. Other cores subject to request and volume
- Colours: Available in a range of colors including red, white, blue, black and orange
- Standard length: Available in 55m lengths as standard (US/CA) or 33m in Europe. Other lengths subject to request/
- Roll Width: 48,72,96mm as standard. Other widths may be available subject to request

## 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 contaminants 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.