



# Technical DATA

## POLYFLEX<sup>®</sup> 234R

UV Resistant, Single Coated Polyethylene Tape - 7 Mils UV

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### DESCRIPTION

Polyflex<sup>®</sup> 234 is a conformable, polyethylene film, single coated with a synthetic rubber pressure sensitive adhesive. This product is also formulated to meet the FR requirements of both NFPA 701 and ASTM E84 standards (which is comparable to UL 723).

### APPLICATIONS

- Temporary masking of windows and doors in stucco/construction applications.
- Greenhouse repair and agricultural bagging.
- Shrink wrapping applications.
- General industrial masking, bundling, splicing and repair applications.
- Applications requiring UV resistance in outdoor environments.

### PRODUCT BENEFITS

- Backing stabilized for UV and humidity resistance.
- Provides a water tight seal 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	7.0 (.18)	Mils (mm)	REN TM 20
Adhesion to Steel	75 (21.18)	Oz/Inch (N/25mm)	PSTC - 101 Mod
Adhesion to Backing	32 (8.9)	Oz/Inch (N/25mm)	PSTC - 101 Mod
Tensile Strength	22 (96)	lbs. / inch (N/25mm)	ASTM D1000
Elongation	90	%	ASTM D1000
Operating Temperature Range	14 to 158 (-10 to 70 )	°F to °F (°C to °C)	-
Permeability to Water Vapour	1.7	g/m <sup>2</sup> /24h	ASTM E96

## STANDARD PRESENTATIONS

- Branding: Available on an MIC ( Made in Canada) core as standard. Customised core available on request
- Roll Length: 55m as standard. Other lengths subject to request and volume.
- Width: Standard widths are 48, 72 and 96mm. Other widths may be available on request.
- Colours: Available in black, white, red and yellow as standard. Other colors may be available on request, subject to volume.

## 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.