



Technical  
**DATA**

## **POLYFLEX® 137R**

### Single-Coated High Tack Polyethylene Tape - 9 mils

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#### **DESCRIPTION**

Polyflex® 137 is a professional grade heavy duty, polyethylene film, single coated tape with a highly aggressive 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**

- Vapor barrier applications
- Splicing of underlayment for flooring, carpets, etc.
- Heavy duty bundling, masking and splicing applications requiring excellent adhesion
- Splicing of polyethylene sheeting and wrapping

#### **PRODUCT BENEFITS**

- Easier unwind and low noise on unwind
- Highest adhesion offering in the Polyflex® Pro line
- Excellent adhesion to a wide variety of materials and surfaces
- Provides a water tight seal and humidity resistance in a range of weather conditions
- Serrated edge option facilitates easy tear by hand

## TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Thickness	9.0	Mils	PSTC - 133
Adhesion on Steel	140.0	Oz./Inch	PSTC - 101 Mod
Adhesion to Backing	55.0	Oz./Inch	PSTC - 101 Mod
Tensile Strength	22.0	lbs. / Inch	ASTM D 1000
Elongation	100	%	ASTM D 1000
Operating Temperature	-10 to 70 (14 to 158)	°C to °C (°F to °F)	-
Permeability to Water Vapour	0.7	g/m <sup>2</sup> /24h	ASTM E96

## STANDARD PRESENTATIONS

## 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 2 years from date of shipment when stored in a cool dry place below 76° F (24°C). Rolls should be stored on end.