

## POLYFLEX<sup>®</sup> 139R

### Single Coated Polyethylene Tape - Low Temperature

#### DESCRIPTION

Polyflex 139 is a polyethylene film, single coated with a natural rubber adhesive.

#### APPLICATIONS

- Polyethylene splicing.
- Surface protection.
- Wire identification.

#### PRODUCT BENEFITS

- Good tear characteristics.
- Maintains a watertight seal in all weather conditions.
- Product is very conformable.
- Excellent low-temperature bonding.
- Permanently tacky adhesive bonds well to most surfaces over a wide temperature range.

#### TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Total Thickness	7.5 (.191)	Mils (mm)	REN TM 20
Adhesion to Steel	40 (11)	Oz/Inch (N/25mm)	PSTC - 101 Mod
Adhesion to Backing	35 (9.9)	Oz/Inch (N/25mm)	PSTC - 101 Mod
Tensile Strength	21 (92)	lbs. / inch (N/25mm)	ASTM D1000
Elongation	100	%	ASTM D1000

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