



# TECHNICAL DATA

## POLYFLEX<sup>â</sup> 133 Single Coated Polyethylene Tape

### DESCRIPTION

Polyflex 133 is a polyethylene film, single coated with a rubber pressure sensitive adhesive.

### APPLICATIONS

- Polyethylene splicing
- Surface protection
- Industrial assembly applications

### PRODUCT BENEFITS

- Low-residue aggressive adhesive
- Bonds well to most surfaces over a wide temperature range
- Excellent low temperature bonding
- Serrated edge facilitates easy tearing

### TECHNICAL PROPERTIES

<b>Total Thickness</b> (not including liner)	7.5 mils (.190mm)
<b>Adhesive Thickness</b> (rubber)	3.0 mils (.076mm)

### ADHESIVE TEST DATA

<b>Peel Adhesion</b> (PSTC 1 Mod.)	<u>Oz./Inch</u>	<u>(N/25mm)</u>
Initial to S.S. (20 min. @ RT)	60	17
<b>Backing Adhesion</b> (PSTC 1 Mod.)		
Initial to Backing Substrate (20 min. @ RT)	35	9.6

<b>Tensile Strength</b> (ASTM D-1000)	<u>lbs./Inch</u>	<u>(N/25mm)</u>
	24	105
<b>Elongation</b> (ASTM D-1000)	70%	

<b>Operating Temperature Range</b>	32°F to 160°F (0°C to 70°C)
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## **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 one year from date of shipment when stored in a cool dry place below 76° F (24°C). Rolls should be stored on end.*

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