

TECHNICAL DATA

POLYFLEX[®] 135 Single Coated Polyethylene Tape

DESCRIPTION

Polyflex 135 is a heavy-duty polyethylene backing, single coated with a synthetic rubber adhesive.

APPLICATIONS

- Wire identification
- Surface protection
- Polyethylene splicing

PRODUCT BENEFITS

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

TECHNICAL PROPERTIES

Total Thickness (not including liner)
Adhesive Thickness (synthetic rubber)

7.0 mils (.178mm)
2.5 mils (.064mm)

The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case we urge and recommend that purchasers, before using any product in full scale production, make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions. The products discussed herein are sold without any warranty as to merchantability of fitness for a particular purpose or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to the circumstances prevailing in their business. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

ADHESIVE TEST DATA

Peel Adhesion (PSTC 101 Mod.)
Initial to S.S. (20 min. @ RT)

<u>Oz./Inch</u>	<u>(N/25mm)</u>
60	16

Backing Adhesion (PSTC 101 Mod.)
Initial to Backing Substrate (20 min. @ RT)

35	9.6
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Tensile Strength (ASTM D-1000)

<u>lbs./Inch</u>	<u>(N/25mm)</u>
18	79

Elongation

80%

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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