



POLYFLEX[®] 180

Single Coated Polyethylene Tape - Polyflex Clear 7.5 Mils

DESCRIPTION

Polyflex 180, is a polyethylene film tape, single coated with a natural rubber adhesive, available in a clear color shade for easy and invisible repairs.

APPLICATIONS

- Ideal for PE splicing and bonding
- Surface protection and masking
- Identification and holding of wires
- Invisible repairs and masking applications

PRODUCT BENEFITS

- Serrated edge allows for easier tear for user
- Permanent tacky adhesive bond to a wide range of surfaces, over a wide temperature range
- Maintains a watertight seal in all weather conditions
- Clear color shade allows for invisible repairs

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Total Thickness	7.5	Mils	-
Adhesive Thickness	3	Mils	-
Tensile Strength	24	lbs. / Inch	ASTM D 1000
Peel Adhesion – (PSTC 101 Mod.) Initial to S.S. (20 min. @ RT) Exposed	75	Oz./Inch	PSTC - 101 Mod
Backing Adhesion (PSTC 101 Mod.) Initial to Backing Substrate (20 in @RT)	35	Oz./Inch	PSTC - 101 Mod
Elongation	70	%	ASTM D 1000

Version: 12

Generated Date: 04 December 2024

Page: 1 of 2

www.scapaindustrial.com

Product Code: 180

This Technical Data Sheet (TDS) is provided by Scapa for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed. The results shown in this TDS may not be relevant to all users of the product and it is the user's responsibility to determine the suitability of the product for its intended purpose. Scapa expressly disclaims all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS. Scapa does not exclude liability for death or personal injury arising from its negligence or fraud. Scapa refers to Scapa Group plc and its subsidiaries.

STANDARD PRESENTATIONS

- Colours: Clear only
- Branding: Scapa/Made In Canada Core
- Width: 48 and 72mm as standard, other dimensions available subject to volume justification
- Roll Length: 55m

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. Rolls should be stored on end.

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).