



Technical DATA

Scapa S301

Double Coated Pressure Sensitive Adhesive Tape - uPVC, High Tack, High Peel Acrylic

DESCRIPTION

Scapa S301 is a UPVC film, double coated with an exceptionally high tack, high peel, acrylic adhesive. The product is supplied with a white, 60# kraft release liner.

APPLICATIONS

- Product assembly.
- For demanding bonding and splicing applications.
- Lamination to EPDM rubber, plastics, glass and urethane foams.

PRODUCT BENEFITS

- Exceptionally high tack and peel.
- uPVC film allows conformability.
- Very high adhesive mass provides excellent gap-filling properties.
- Excellent resistance to environmental extremes.
- Exhibits excellent adhesion to ether and ester foams.
- Bonds well to rough and porous surfaces.
- Service temperature: -40°F to +200°F (-40°C to +93°C)

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Adhesive Thickness (Each Side)	3.5 (.089)	Mils (mm)	-
Carrier Thickness (UPVC)	1.5 (.038)	Mils (mm)	-
Total Thickness (excluding liner)	8.5 (.216)	Mils (mm)	-
Release Liner Thickness (60 # Kraft)	3.5 (.089)	Mils (mm)	-
Holding Power	>600	Min	PSTC 107 (Mod/178deg) 2.2 psi (1"x1"x1000g) @RT
Peel Adhesion	136 (37.8)	Oz/Inch (N/25mm)	PSTC 101 Mod./180° Initial to SS

Note:

Holding power and peel adhesion values are for both the exposed and liner sides.

STANDARD PRESENTATIONS

- Formats: Rolls, logs, jumbo
- Colours: Translucent
- Core: 3 inch (76 mm)

RECOMMENDATIONS

Application to Primary 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.

Application to Secondary Surface: Peel off the protective release liner and apply the adhesive side to the desired 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.