



# Technical DATA

## Scapa SP457E

Double Coated Pressure Sensitive Adhesive Tape - Soft Acrylic, 4.5 mils.

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### DESCRIPTION

Scapa SP457E is a polyester film, double coated with an extremely aggressive acrylic pressure sensitive adhesive. The product is supplied with a 60# kraft release liner.

### APPLICATIONS

- Foam fabrication.
- Difficult splicing applications.
- Bonding to EPDM rubber.
- Assembly aid.

### PRODUCT BENEFITS

- Exceptionally high tack and peel.
- Bonds well to low surface energy plastics.
- Excellent adhesion to ether and ester foams.
- Excellent resistance to environmental extremes.
- High adhesive coat weight aids in bonding to irregular 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)	2.0 (.051 )	Mils (mm)	-
Carrier Thickness (PET)	0.5 mils (.013 mm)	Mils (mm)	-
Holding Power	≥500	Min	PSTC 107 (Mod/178deg) 2.2 psi (1"x1"x1000g) @RT
Liner Thickness (60# Kraft)	3.5 (.089 )	Mils (mm)	-
Peel Adhesion	112 (31.1)	Oz/Inch (N/25mm)	PSTC 101 Mod./180° Initial to SS
Peel Adhesion	112 (31.1)	Oz/Inch (N/25mm)	PSTC 101 Mod./180° Initial to SS
Total Thickness (Not Including Liner)	4.5 (.114 )	Mils (mm)	-
Holding Power	≥500	Min	PSTC 107 (Mod/178deg) 2.2 psi (1"x1"x1000g) @RT

## STANDARD PRESENTATIONS

- Formats: Rolls, logs
- 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.