



TECHNICAL DATA

SCAPA 702

Silicone/Silicone Double Coated Film Tape

DESCRIPTION

Scapa 702 is a thin polyester film, double coated with a custom-formulated, silicone adhesive. The product is supplied with a polyester release liner.

APPLICATIONS

- Bonding of silicone foams and gaskets for automotive and industrial applications
- Serves as a splicing tape to join silicone-coated paper or film
- High or low temperature gasket sealing
- Precision die-cutting and forming of intricate parts
- General-purpose bonding

PRODUCT BENEFITS

- Excellent adhesion to silicone-coated substrates
- Specially treated, polyester release film allows easy unwind
- Wide operating temperature range
- High initial tack insures a strong bond
- Conforms to achieve good contact to surfaces being spliced
- Resistant to many chemicals

TECHNICAL PROPERTIES

Total Thickness (not including liner)	4.6 mils (.115 mm)
Adhesive Thickness (each side)	1.8 mils (.045 mm)
Carrier Thickness (polyester)	1.0 mil (.025 mm)
Release Liner Thickness (specially treated polyester film)	2.0 mils (.050 mm)
Adhesive Type	Silicone
Adhesive Color	Clear

(800) 801-0323 > www.scapana.com > appsupport@scapana.com

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ADHESIVE TEST DATA

Peel Adhesion (PSTC 101)	<u>Oz./Inch</u>	<u>(N/25mm)</u>
	35	9.57
Tensile Strength (PSTC 31)	<u>lbs./Inch</u>	<u>(N/100mm)</u>
	25	437.5
Adhesion to liner	Less than 50 grams/inch width	
Elongation at Break (PSTC 31)	90%	
Service Temperature	-20°F to 400°F (-28°C to 204°C)	

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.*