

Scapa V705

Double Sided Silicone / Acrylic Polyester Adhesive Tape

DESCRIPTION

Scapa V705 is a 23µm clear polyester film double coated with a special formulated silicone adhesive on the closed side and an acrylic adhesive on the open side, with 110µm total thickness excluding liners. The product has a siliconised paper liner on the acrylic side, and a fluoro siliconised PET liner on the silicone adhesive side.

APPLICATIONS

- Bonds silicone substrates like elastomer joints, foams, gaskets and profiles.
- Bonds silicone rubber profile or weather strips on to high surface energy materials such as metal, engineered plastics, glass or wood.
- Bonds difficult to adhere to surfaces.
- Serves as a splicing tape to join specially siliconised surfaces like silicone release films, foils or papers.
- High or low temperature gasket sealing.

PRODUCT BENEFITS

- Differential adhesive formulations.
- The acrylic adhesive provides an immediate high bond to high surface energy materials.
- The silicone adhesive a permanent one to silicone and siliconised substrates.
- Excellent chemical resistance.
- High temperature performance.
- UV resistant
- Wide operating temperature range: -10°C to +160°C (short term +190°C; maximum duration 1hr)

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Breakdown Voltage	> 4.5	KV/25mm	AFERA 4011
Carrier Thickness	23	µm	AFERA 5006
Elongation at Break	90	%	AFERA 5004
Peel Adhesion on Steel (Acrylic side)	4.5	N/cm	AFERA 4001
Peel Adhesion on Steel (Silicone side)	2.0	N/cm	AFERA 4001
Tensile Strength	40	N/cm	AFERA 5004
Total Thickness (Without Liner)	110	µm	AFERA 5006

STANDARD PRESENTATIONS

- Colours: Transparent
- Core: 76mm plastic
- Log width: 1,000mm
- Packaging: Flow pack with label
- Roll Length: 33 metres
- Roll Width: 19, 25 and 50mm

RECOMMENDATIONS

The rolls should be stored on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10°C and +30°C. Under these condition, the storage life of the tape in a temperature climate will be at least 6 months.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants. Adhesive performance should be carefully checked when used on substrates containing plasticisers.