Technical DATA

Scapa 5669

PU Double Sided Foam Tape

DESCRIPTION

Scapa 5669 is an extreme temperature resistant double sided foam bonding tape. The foam is a Polyurethane material. The product is black. A high performance, acrylic pressure sensitive adhesive is coated on both sides, and the product has a paper release liner. The material can be supplied with a film liner facilitating automatic application.

APPLICATIONS

- For preventing electrolytic corrosion
- LED lighting system bonding
- Electronic smart device component bonding
- Automotive emblem mounting

PRODUCT BENEFITS

- maintains dimensional integrity during die cutting / clean to use
- Strong, thin and flexible foam
- No known hazards associated with this product
- Suitable for indoor and outdoor environments
- Resistance to abrasion, corrosion and moisture
- Very good Ultra violet {UV} Light resistant
- Polythene coated release paper liner.
- Good resistance to dilute acids & alkalis
- Coated on both sides with a high quality pressure sensitive acrylic adhesive
- Minimum 20% compression required to effect a water seal
- Shelf life of 1 year from date of dispatch
- Application temperature: +10oC to +40 oC
- Service temperature: -40oC to +120oC
- Maximum Recommended Weight Loading of 15 g/cm2

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Accreditation:

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free)
Approved to: ESK-M3G162, WSK-3G184-A4 (Ford Motor Co).

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Tensile Strength	220	Ncm-²	Scapa F17
Elongation at Break	350	%	Scapa F17
500 hour Static Shear (Stainless Steel)	0.32	Kg/cm²	Scapa F7
150 Hour Static shear @ 70 deg C	0.2	Kg/cm²	Scapa F17
10 Minute180° Peel Adhesion	16	N/25mm	Scapa F9

STANDARD PRESENTATIONS

- Thickness : 0.4 and 0.8mm
- Formats: Logs, Rolls, Die Cuts, Spools
- Core: 76mm plastic

RECOMMENDATIONS

Surfaces must be clean, dry, free from grease and dirt. Recommended cleaning agent is Propan-2-ol, {IPA}. Please note manufacturer's safety instructions should be followed and customers are recommended to ensure compatibility of the solvent with their substrate. Ideal bonding substrates are those which are: clean, dry, flat, smooth, dust free & non-porous.

Low temperatures may increase the risk of condensation, reducing the tack of the product. Life expectancy will vary with temperature and humidity. Product may be applied by hand direct from a roll applying even pressure.

Customers are recommended to make their own assessment of our products under their own conditions, for their own requirements.

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