



TECHNICAL DATA

Scapa 5589

PE Double Sided Foam Tape

DESCRIPTION

Scapa 5589 is a high performance double-sided foam bonding tape. The product is black. The Polyethylene foam is predominantly closed celled. An acrylic pressure sensitive adhesive is coated on both sides, and the product has a paper release.

The material can be supplied with a film liner facilitating automatic application.

APPLICATIONS

- Automotive emblem mounting
- Automotive mirror mounting
- For preventing electrolytic corrosion

PRODUCT BENEFITS

- Maximum Recommended Weight Loading of 15 g/cm²
- Service temperature –40°C to +120°C
- Application temperature: +10 °C to + 40 °C
- Shelf life of 1 year
- Minimum 20% compression required to effect a water seal
- Coated on both sides with a high quality pressure sensitive acrylic adhesive
- Good resistance to dilute acids & alkalis
- Paper release liner, reducing dimensional change during application
- Very good Ultra violet {UV} Light resistant
- Resistance to abrasion, corrosion and moisture
- Suitable for indoor and outdoor environments
- No known hazards associated with this product
- Pre-determined dimensional sealant reduces waste
- Clean to use

ACCREDITATIONS

- Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free)
- Fire rated to NF P 92-501 class M1 and NF F 16-101/2 class F1.
- Approved to WSK-M3G184-A1, WSK-M11P49, WSK-M11P51-A (Ford Motor Co)

TECHNICAL PROPERTIES

	Unit	Nominal Value	Test Method
10 Minute 180° Peel Adhesion	N/25mm	10+	Scapa F9
500 Hour static shear {stainless steel}	Kgcm ⁻²	0.16	Scapa F7
Dynamic Shear	Ncm ⁻²	60	Scapa F11
T Block Adhesion {72 hour}	N/cm ²	90	Scapa F19
150 Hour static shear @ 70°C	Kgcm ⁻²	0.2	Scapa F21 {ESKM3G162A3}
Tensile Strength	Ncm ⁻²	200	Scapa F17
Elongation At Break	%	300	Scapa F17

STANDARD PRESENTATION

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

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.