



Technical
DATA

Scapa 5589

PE Double Sided Foam Tape - high performance, black

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 automated application.

APPLICATIONS

- Lens edging pads.
- Automotive mirror mounting.
- Automotive emblem mounting.

PRODUCT BENEFITS

- Pre-determined dimensional sealant reduces waste / clean to use.
- No known hazards associated with this product.
- Suitable for indoor and outdoor environments.
- Resistance to abrasion, corrosion and moisture.
- Very good ultraviolet {UV} light resistance.
- Paper release liner, reducing dimensional change during application.
- Good resistance to dilute acids and 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: +10°C to +40°C.
- Service temperature: -40°C to +120°C.
- Maximum recommended weight loading of 15 g/cm².

Accreditation:

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free)

Approved to WSK-M3G184-A1, WSK-M11P49, WSK-M11P51-A (Ford) and FIAT specification 9.55368.

Approved by General Motors to GMW 15201 Type III specification for exterior trims.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
10 Minute 180° Peel Adhesion	20	N/25mm	Scapa F9
150 Hour Static shear @ 70 deg C	0.2	Kg/cm ²	Scapa F21
500 hour Static Shear (Stainless Steel)	0.16	Kg/cm ²	Scapa F7
Dynamic Shear	60	N/cm ²	Scapa F11
Elongation at Break	300	%	Scapa F17
T Block (Dynamic tensile) Adhesion (72 hour)	90	N/cm ²	Scapa F11
Tensile Strength	200	N/cm ²	Scapa F17

STANDARD PRESENTATIONS

- Thickness: 0.8 mm
- Formats: Logs; rolls; die cuts; spools
- Core: 76 mm plastic

Note:

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.