

Scapa 5499

PE Double Sided Foam Tape - Black, High Performance, Thin

DESCRIPTION

Scapa 5499 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 white paper release liner. The material can be supplied with a green film liner facilitating automated application.

APPLICATIONS

- Photovoltaic (PV) module frame bonding.
- Automotive design systems.
- External automotive emblem bonding.
- White goods panel / frame bonding.

PRODUCT BENEFITS

- Pre-determined dimensional sealant reduces waste / clean to use.
- May be used with Perspex and Polycarbonate.
- 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 +100°C.

Accreditation:

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free).
IEC 61215:2005 approved - PV (Photovoltaic) module frame bonding.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
10 Minute 180° Peel Adhesion	20	N/25mm	Scapa F9
500 hour Static Shear (Stainless Steel)	0.32	Kg/cm ²	Scapa F7
Dynamic Shear	60	N/cm ²	Scapa F11

STANDARD PRESENTATIONS

- Core: 76mm plastic
- Formats: Logs, Rolls, Spools
- Thickness : 0.5mm and 0.8mm

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.