

## Scapa 5464

PE Double Sided Foam Tape - White, High Performance Acrylic, 1mm and 2mm.

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### DESCRIPTION

Scapa 5464 is a high performance double-sided foam bonding tape. The product is white. The Polyethylene foam is predominantly closed celled. An acrylic pressure sensitive adhesive is coated on both sides, and the product has a Polycoat paper release liner. The material can be supplied with a green film liner facilitating automated application.

### APPLICATIONS

- For mirror mounting.
- For mounting glazing bars.
- For mounting cable trunking.
- For crystalline silicon PV panel frame bonding.
- For general mounting / bonding.

### PRODUCT BENEFITS

- Maximum recommended weight loading of 15g/cm<sup>2</sup>.
- Service temperature: -40°C to +100°C.
- Application temperature: +10°C to +40°C.
- Shelf life of 1 year from date of dispatch.
- 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 and alkalis.
- Paper release liner, reducing dimensional change during application.
- Very good ultraviolet {UV} light resistance.
- Resistance to abrasion, corrosion and moisture.
- Suitable for indoor and outdoor environments.
- No known hazards associated with this product.
- May be used with Perspex and Polycarbonate.
- Pre-determined dimensional sealant reduces waste.

Accreditation:

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

## TECHNICAL PROPERTIES

| Technical Property                      | Nominal Value | Unit               | Test Method |
|---|---------------|--------------------|-------------|
| 10 Minute 180° Peel Adhesion            | 18            | N/25mm             | Scapa F9    |
| 500 hour Static Shear (Stainless Steel) | 0.32          | Kg/cm <sup>2</sup> | Scapa F7    |
| Dynamic Shear                           | 39            | N/cm <sup>2</sup>  | Scapa F11   |

## STANDARD PRESENTATIONS

- Core: 76mm plastic
- Formats: Logs, Rolls, Spools
- Thickness : 1.0 and 2.0 mm

## RECOMMENDATIONS

Surfaces must be clean, dry, and 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.