

## Scapa 5179

### PVC Double Sided Foam Tape - Black, Medium Hard, Waterseal

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#### DESCRIPTION

Scapa 5179 is a medium hard and resilient double-sided PVC foam bonding tape. The product is black. The 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 (GPP) facilitating automated application.

#### APPLICATIONS

- Commercial / residential window glazing.
- Forms a compression water seal.
- Spacer and vibration dampener in commercial vehicle assembly.
- Security glazing sealant.

#### PRODUCT BENEFITS

- Application temperature: +10°C to +40°C.
- Service temperature: -40°C to +70°C.
- Shelf life of 1 year from date of dispatch.
- Minimum 30% 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.
- Pre-determined dimensional sealant reduces waste / clean to use.

## Accreditation:

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free).  
Compatible for full contact with Dow Corning® silicone sealants.

## TECHNICAL PROPERTIES

| Technical Property                    | Nominal Value | Unit              | Test Method |
|---------------------------------------|---------------|-------------------|-------------|
| 10 Minute 180° Peel Adhesion          | 10            | N/25mm            | Scapa F9    |
| Force To Compress By 30 %             | 4.9           | N/cm <sup>2</sup> | Scapa F4    |
| Compression Deflection After 1 Minute | 3.9           | N/cm <sup>2</sup> | Scapa F4    |
| Tensile Strength                      | 67            | N/cm <sup>2</sup> | Scapa F17   |
| Elongation at Break                   | >230          | %                 | Scapa F17   |
| Foam Density                          | 200           | Kg/m <sup>3</sup> | Scapa F12   |
| Shore Hardness {OO} Scale             | 40            | -                 | Scapa F16   |

## STANDARD PRESENTATIONS

- Core: 76mm plastic
- Formats: Logs, Rolls, Spools
- Thickness : 1.5, 3.0, 4.5, 6.5 mm

## RECOMMENDATIONS

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants. Recommended cleaning agent is Propan-2-ol, {IPA}. Apply even pressure when the product is applied.

The rolls should be stored flat on their cut edges in the original packaging. The product must be protected from dust, heat, moisture, direct sunlight and solvent fumes. Storage temperature between +10°C and +30°C. Under these conditions, the shelf life of the tape is 12 months from the date of dispatch.

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