



# Technical DATA

## Scapa 3509

### PVC Single Sided Foam Tape - Hard, Black, Waterseal

---

#### DESCRIPTION

Scapa 3509 is primarily a foam compression sealant. The product is black. The foam is predominantly closed celled and is a hard foam. An acrylic pressure sensitive adhesive is coated on one side, and the product has a paper release liner on the other non-adhesive face. Scapa 3509 will act as a water-seal and air/dust seal when compressed.

#### APPLICATIONS

- Forms a compression water seal.
- For preventing electrolytic corrosion.
- For heavy duty cushioning.
- Forms a compression air / dust seal.
- For gap filling.
- For high load bearing applications.

#### PRODUCT BENEFITS

- Minimum 30% compression required to effect a water seal.
- Service temperature: -30°C to +70°C.
- Application temperature: +10°C to +40°C.
- Shelf life of 1 year from date of dispatch.
- Coated on one side with a high quality pressure sensitive acrylic adhesive.
- Good resistance to dilute acids and alkalis.
- Paper release liner on the non-adhesive face, 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 / clean edge finish.

**Accreditation:**

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

Fire rated to DIN 4102 part 1, B2.

Conforms to AbP DIN EN 13501-1 : 2010 Class E Fire classification.

**TECHNICAL PROPERTIES**

Technical Property	Nominal Value	Unit	Test Method
10 Minute 180° Peel Adhesion	5	N/25mm	Scapa F9
Force To Compress By 30 %	6.1	N/cm <sup>2</sup>	Scapa F4
Compression Deflection After 1 Minute	5.0	N/cm <sup>2</sup>	Scapa F4
Foam Density	220	Kg/m <sup>3</sup>	Scapa F2
Shore Hardness {OO} Scale	50	“OO”	Scapa F16
Elongation at Break	>180	%	Scapa F17
Tensile Strength	66	N/cm <sup>2</sup>	Scapa F17
Thermal Conductivity (k)	0.043	Wm <sup>-1</sup> K <sup>-1</sup>	Lee’s Disc

**STANDARD PRESENTATIONS**

- Core: 76mm plastic
- Formats: Logs, Rolls, Spools.
- Thickness : 0.8; 1.5; 3.0; 4.5; 6.0 mm
- Liner : Paper. Also available with a clear, removable Polyliner on request. Enquire regarding MOQ

**RECOMMENDATIONS**

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.

Surfaces should be clean, dry and free of dust, grease, oil or other contaminants.

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

This Technical Data Sheet (TDS) is provided by Scapa for information only. The contents of this TDS are considered to be reliable but accuracy is not guaranteed. The results shown in this TDS may not be relevant to all users of the product and it is the user’s responsibility to determine the suitability of the product for its intended purpose. Scapa expressly disclaims all express or implied warranties including merchantability and fitness for a particular purpose to the fullest extent permitted by law and does not accept responsibility or liability (whether direct, indirect, or consequential) arising from use of the product or reliance on the TDS. Scapa does not exclude liability for death or personal injury arising from its negligence or fraud. Scapa refers to Scapa Group plc and its subsidiaries.