

## Technical Data Sheet

### Scapa 3509

#### PVC Single Sided Foam Tape

#### hard, black water-seal

# SPONGE & FOAM

#### 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.



Certificate Number: 14352  
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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**SPONGE & FOAM**

Accreditation:

Conforms to European Directive 2000/53 EC (lead, chromium VI, mercury, cadmium free). Fire rated to DIN 4102 part 1, B2.

AbP DIN EN 13501-1:2010 Class E.

Technical Property	Nominal Value	Unit	Test Method
10 Minute 180° Peel Adhesion	5	N/25mm	Scapa F9
Compression Deflection After 1 Minute	5.0	Ncm <sup>-2</sup>	Scapa F4
Elongation at Break	>180	%	Scapa F17
Foam Density	220	Kg/m <sup>3</sup>	Scapa F2
Force To Compress By 30 %	6.1	Ncm <sup>-2</sup>	Scapa F4
Shore Hardness {00} Scale	50	"00"	Scapa F16
Tensile Strength	66	Ncm <sup>-2</sup>	Scapa F17
Thermal Conductivity (k)	0.043	Wm <sup>-1</sup> K <sup>-1</sup>	Lee's Disc

**TECHNICAL PROPERTIES**

**STANDARD PRESENTATIONS**

- Thickness : 0.8; 1.5; 3.0; 4.5; 6.0 mm
- Formats: Logs; Rolls; Die Cuts; Spools
- Core: 76mm plastic

**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.



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