



## Scapa 5599

### PE Double Sided Foam Tape

#### DESCRIPTION

Scapa 5599 is a black, double-sided foam bonding tape. The Polyethylene foam tape is predominantly closed cell. An acrylic pressure sensitive adhesive is coated on both sides and the product has a paper release liner. The product can be supplied with a film liner to facilitate automatic application.

#### APPLICATIONS

- For general mounting / bonding
- For automotive mirror mounting
- For automotive emblem bonding
- For preventing electrolytic corrosion
- Forms a compression water seal

#### PRODUCT BENEFITS

- Minimum 20% compression required to effect a waterseal
- Service temperature  $-40^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$
- Application temperature:  $+10^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$
- Shelf life of 1 year
- Coated on one side with a high quality pressure sensitive acrylic adhesive
- Excellent die cutting properties
- Good resistance to dilute acids & alkalis
- Paper release liner reduces dimensional change during application
- Very good Ultra Violet (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

## ACCREDITATIONS

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

## TECHNICAL PROPERTIES

	<b>Unit</b>	<b>Nominal Value</b>	<b>Test Method</b>
10 Minute 180° Peel Adhesion	N/25mm	18	Scapa F9
500 hour static shear (stainless steel)	kg/cm <sup>2</sup>	0.32	Scapa F7
Dynamic shear	N/cm <sup>2</sup>	>100	Scapa F11

## STANDARD PRESENTATION

- Formats                      Logs, Rolls, Spools, Die Cuts
- Thickness                    0.55mm (other thicknesses may be available upon request)
- Core                            76mm plastic core

## RECOMMENDATIONS

*Surfaces must be ideally 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.*