

# Scapa Double Sided Self-Adhesive Foam Products

## For bonding, mounting, fixing and joining

As Europe's leading manufacturer of self-adhesive foam material, Scapa have specialist expertise in manufacturing and developing foam products for bonding, sealing, cushioning, protection, mounting and fixing applications.

The Scapa double-sided foam range provides solutions to practically every industry for bonding, mounting, fixing and joining applications. The products are economical, easy and quick to apply, clean to use, adaptable, versatile and consistent.

Scapa can supply the foam tape range in a variety of formats including logs, rolls, spools, pads, discs, sheets, washers, gaskets or other die cut shapes to suit every application requirement.

The products included in this brochure are the core, standard product range. Other colours, thickness', lengths and product structures are available upon request. We can also tailor product properties and performance to meet your application needs and can develop new products for new applications if required.

### Product Thickness (mm)

	0.4	0.5	0.8	1	1.5	2	3	4.5	6.5
5164			x		x		x	x	
5169			x		x	x	x	x	
5179					x		x	x	x
5004							x		
5404				x		x			
5409				x		x			
5434				x					
5454							x		
5464				x		x			
5469				x					
5474				x	x	x			
5479				x					
5499		x	x (50M)						
5574			x						
5589			x						
5599		x (100M)							
5669	x		x						

### Standard Roll Length (m)

Thickness (mm)	0.4	0.5	0.8	1	1.5	2	3	4.5	6.5
Length (m)	60	50	60	60	40	30	25	15	10

### Tolerances

Thickness  
PVC/PU foam  $\pm 10\%$  (0.8mm: -15% to +20%)  
PE Foam  $\pm 20\%$

Foam width  
Below 25mm  $\pm 0.5\text{mm}$   
Above 25mm  $\pm 1.0\text{mm}$

### Scapa European contacts

Scapa is a leading global manufacturer and supplier of technical adhesive tape solutions and polymer-based products to virtually every industry. With offices and manufacturing sites across the world, Scapa offers specialist applications expertise and products from stock or as custom design, either directly or through a network of Select Partners and Authorised Agents.



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Product	Colour	Peel adhesion N/25mm	Static Shear Kg/cm <sup>2</sup>	Max. Rec. wt.Loading g/cm	Service Temperature °C	Description / Applications
<b>Acrylic Adhesives</b>						
5164 5169	White Black	10	0.15	7	-40 to +70	<ul style="list-style-type: none"> <li>Hard predominantly closed cell UV resistant PVC foam</li> <li>Very good external weathering</li> <li>Forms full water-seal at 20% compression</li> <li>Approved for full contact with Dow Corning® silicone sealants.</li> </ul>
5179	Black	15	N/A	N/A	-40 to +70	<ul style="list-style-type: none"> <li>Medium hard predominantly closed cell UV resistant PVC foam</li> <li>Forms full water-seal at 30% compression</li> <li>Approved for full contact with Dow Corning® silicone sealants</li> <li>Low rise glazing systems; spacer and dampener on commercial vehicle assembly</li> <li>Designed for security glazing and low shear applications</li> </ul>
5004	White	22	0.16	7	-40 to +70	<ul style="list-style-type: none"> <li>Polyethylene foam</li> <li>Thicker bonding and spacer foam tape</li> <li>UV light resistant</li> <li>Bonding of engineered plastics – roof light and dome structures</li> </ul>
5404 5409	White Black	21	0.16	7	-40 to +70	<ul style="list-style-type: none"> <li>Polyethylene foam. Good UV resistance</li> <li>Designed for general purpose medium weight bonding and fixing applications such as PVCu extrusion</li> <li>IFT Rosenheim, Germany – approved for bonding Georgian bars on windows (5404 und 5409)</li> <li>Aggressive adhesive and good dynamic shear properties</li> </ul>
5464 5469	White Black	18	0.32	22	-40 to +100	<ul style="list-style-type: none"> <li>High performance cross linked Polyethylene foam</li> <li>Excellent weight loading performance and UV resistance</li> <li>Forms a water-seal at 20% compression</li> <li>Ideal for mirror mounting, PVCu extrusion and decorative window trim bonding</li> <li>5464 accredited to UL® 746C FILE No. E352550</li> <li>5464 LGA (1377) certified - German Furniture Institute</li> </ul>
5499	Black	20	0.32	22	-40 to +100	<ul style="list-style-type: none"> <li>High performance Polyethylene foam</li> <li>Excellent weight loading performance and UV resistance</li> <li>Forms a water-seal at 20% compression</li> <li>Automotive trim bonding; white goods panel bonding</li> </ul>
5589	Black	20	0.32	15	-40 to +120	<ul style="list-style-type: none"> <li>High performance cross-linked Polyethylene foam</li> <li>Approved to Ford WSK M3G184-A1; WSK M11P49; WSK M11P51-A P51-A; 9.55368 (FIAT)</li> <li>Excellent UV and petrochemical resistance</li> <li>Ideal for automotive emblem / trim mounting; lens edging pads.</li> </ul>
5599	Black	18	0.32	15	-40 to +100	<ul style="list-style-type: none"> <li>Thin, very high strength Polyethylene foam. Approved to FIAT specification 9.55369.</li> <li>Excellent UV and petrochemical resistance</li> <li>Automotive emblem, badge and decal bonding</li> </ul>
5669	Black	16	0.32	15	-40 to +120	<ul style="list-style-type: none"> <li>High performance, strong, flexible, UV resistant Polyurethane (PU) foam.</li> <li>Approved to Ford ESK M3G162-A3; WSK M3G184-A4; WSK M11P51-A</li> <li>Highly conformable with excellent chemical resistance and service temperature</li> <li>Ideal for automotive emblem / trim mounting</li> <li>Used as die cut parts within the electronics industry</li> </ul>

## Rubber Resin Adhesives

5434	White	20	0.16	7	-40 to +70	<ul style="list-style-type: none"> <li>Polyethylene foam</li> <li>Designed for general purpose lighter weight bonding and fixing applications such as point of sale, packaging, tamper evidence</li> <li>Aggressive adhesive</li> <li>Not recommended for UV exposure</li> </ul>
5454	White	15	0.64	30	-40 to +70	<ul style="list-style-type: none"> <li>Conformable and flexible Polyethylene foam</li> <li>Designed for medium weight mountings</li> <li>Ideal for irregular surfaces such as mounting nameplates; point of sale / displays</li> <li>Not recommended for UV exposure</li> </ul>
5474 5479	White Black	30	0.8	36	-40 to +70	<ul style="list-style-type: none"> <li>High performance cross linked Polyethylene foam</li> <li>Designed for high shear applications such as mirror mounting &amp; point of sale / display</li> <li>Aggressive adhesive</li> <li>FIRA accredited. LGA (1378) certified - German Furniture Institute</li> <li>Not recommended for UV exposure</li> </ul>
5574	White	45	1.2	48	-40 to +70	<ul style="list-style-type: none"> <li>Superior performing cross-linked Polyethylene foam</li> <li>Designed for high shear applications such as mirror bonding in the furniture industry</li> <li>Good resistance to dynamic loads</li> <li>Not recommended for UV exposure</li> <li>UL®746C File Number MH29512 (tested as S3431)</li> <li>Not recommended for UV exposure.</li> </ul>

This information is provided by Scapa for information only. The information is considered to be reliable but accuracy is not guaranteed.

Any results shown in this information 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.

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