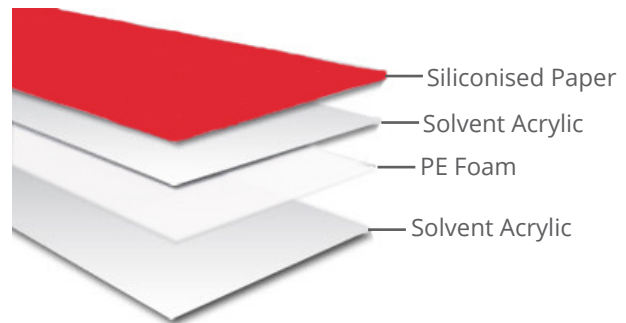


S1811 Technical Data

Double Sided PE Modified Acrylic Foam Tape



Product Composition



Liner	Red Siliconised Paper
Adhesive Covered Side	Solvent Acrylic
Carrier	White 1.10mm PE Foam
Adhesive Open Side	Solvent Acrylic

Benefits / Features

High initial tack	Long term holding power
Extra cushioning characteristics	Adheres well to most surfaces

Areas of Use

Ideal for attaching emblems & sign material to plastic, metal & wood. Also used for long term attachment of mirrors, window bars & car mirrors.

Applicable Industries

Ideal for the Sign, Display, Building & Automotive industry.

Product Features	Applicability On			
Initial adhesion	<table border="0"> <tr> <td>● ● ○</td> <td>Foam</td> <td>○ ○ ○</td> </tr> </table>	● ● ○	Foam	○ ○ ○
● ● ○	Foam	○ ○ ○		
Final adhesion	<table border="0"> <tr> <td>● ● ○</td> <td>Rubber</td> <td>○ ○ ○</td> </tr> </table>	● ● ○	Rubber	○ ○ ○
● ● ○	Rubber	○ ○ ○		
Dimensional stability	<table border="0"> <tr> <td>● ○ ○</td> <td>Fabric</td> <td>● ● ○</td> </tr> </table>	● ○ ○	Fabric	● ● ○
● ○ ○	Fabric	● ● ○		
Adhesion on even surfaces	<table border="0"> <tr> <td>● ● ●</td> <td>Glass/Ceramics</td> <td>● ● ○</td> </tr> </table>	● ● ●	Glass/Ceramics	● ● ○
● ● ●	Glass/Ceramics	● ● ○		
Adhesion on rough surfaces	<table border="0"> <tr> <td>● ○ ○</td> <td>Finished timber</td> <td>● ● ○</td> </tr> </table>	● ○ ○	Finished timber	● ● ○
● ○ ○	Finished timber	● ● ○		
Ageing resistance	<table border="0"> <tr> <td>● ○ ○</td> <td>High energy plastics: PVC, PC, ABS,..</td> <td>● ● ●</td> </tr> </table>	● ○ ○	High energy plastics: PVC, PC, ABS,..	● ● ●
● ○ ○	High energy plastics: PVC, PC, ABS,..	● ● ●		
Weathering resistance	<table border="0"> <tr> <td>● ● ○</td> <td>Low energy plastics: PE, PP</td> <td>● ○ ○</td> </tr> </table>	● ● ○	Low energy plastics: PE, PP	● ○ ○
● ● ○	Low energy plastics: PE, PP	● ○ ○		
Chemical resistance	<table border="0"> <tr> <td>● ● ○</td> <td>Metal</td> <td>● ● ●</td> </tr> </table>	● ● ○	Metal	● ● ●
● ● ○	Metal	● ● ●		
Resistance to plasticizers	<table border="0"> <tr> <td>● ○ ○</td> <td>Paper/Cardboard</td> <td>● ● ○</td> </tr> </table>	● ○ ○	Paper/Cardboard	● ● ○
● ○ ○	Paper/Cardboard	● ● ○		

● ● ● Very suitable ● ● ○ Suitable ● ○ ○ Suitable with reductions ○ ○ ○ Not suitable

Temperature Range (°C)	-10 to +70
Static Shear Strength	> 1000 Hours
Adhesion to Stainless Steel (N/25mm)	21
Thickness (mm)	1.1(1100 Microns)
Standard Sizes Available	12mm x 25m = 20 Rolls Per Carton 18mm x 25m = 12 Rolls Per Carton 24mm x 25m = 10 Rolls Per Carton 48mm x 25m = 5 Rolls Per Carton

The figures above are based off average results from multiple tests, results may vary + or - 5%

Conditions of Use

For best results apply self adhesive tapes between 15°C and 25°C in a dry environment. Application surfaces must be dry and free from dust and particles. Do not apply on surfaces treated or contaminated by anti-adhesives. Do not use paint containing additives which could reduce the adhesive properties. Avoid contact with surfaces containing plasticizers or other chemical agents not compatible with the tape. In cases of rough or irregular surfaces, it is better to use a tape with a higher quantity of adhesive. Care must be taken with reference to removability without residue and working conditions of the self adhesive tape.

Tape Storage

Ideally store tape between 15°C and 25°C with a maximum relative humidity of 65%. Always store away from heat sources, avoiding exposure to light and if possible keep in the original packaging. When temperatures are lower than 15°C it is highly recommended to recondition the adhesive tape to normal temperatures (15°C to 25°C) before use.

Tape Shelf Life

Self-adhesive tapes technical features are generally not permanent but remain at their best for approximately 12 months, if stored according to suggested conditions and by avoiding extreme environmental conditions such as quick and sudden temperature changes, exposure to UV light and high levels of humidity.

All test methods are based on ASTM standards and Pomona's standardised test methods. The information provided above is based on our experience and tape industry knowledge. It is given in good will but is not intended as a guarantee or a warranty. All end users should ensure for themselves that the product is suitable for their own particular application before using.