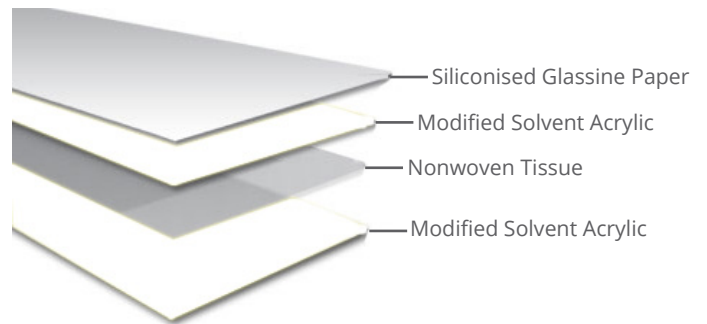


# S405 Technical Data

Double Sided Clear Tissue High Temperature Solvent Acrylic Tape



## Product Composition



Liner	100gsm Siliconised Glassine Paper
Adhesive Covered Side	Modified Solvent Acrylic
Carrier	Nonwoven Tissue
Adhesive Open Side	Modified Solvent Acrylic

### Benefits / Features

Resistant to chemicals, solvents, weak acids, fuel & most oils High shear strength	Good initial tack High temperature resistance Suitable for textured surfaces
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### Areas of Use

Great for corrugated board splicing & laminating. Ideal for use on paper, plastic & metalized films, where high shear strength is required.

### Applicable Industries

Print & Sign Writing industries

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)	-20 to 150
Static Shear Strength	> 66 Hours
Adhesion to Stainless Steel (N/25mm)	15
Thickness (mm)	0.170 (170 Microns)
Standard Sizes	6mm x 50m = 144 Rolls Per Carton 12mm x 50m = 72 Rolls Per Carton 18mm x 50m = 48 Rolls Per Carton 24mm x 50m = 36 Rolls Per Carton 36mm x 50m = 24 Rolls Per Carton 48mm x 50m = 24 Rolls Per Carton  Custom sizes available on request

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.