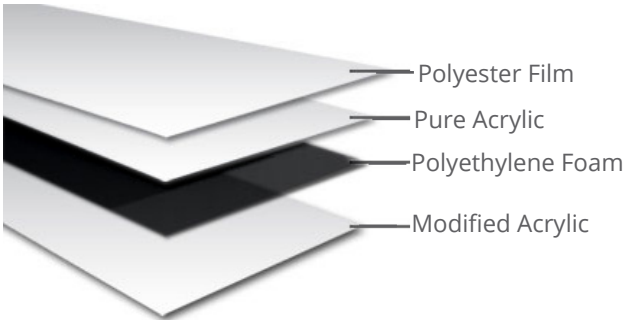
S57005 Technical Data

Double Sided Acrylic Foam Tape

Product Composition



Liner	Transparent Polyester Film
Adhesive Covered Side	Clear Pure Acrylic
Carrier	Black Polyethylene Foam
Adhesive Open Side	Clear Modified Acrylic

Benefits / Features

- The modified acrylic adhesive on the open side is distinguished by its excellent resistance to cold. Thus the application is possible even at very low temperatures. It shows a high initial and final adhesion at high shear strength, good ageing resistance and extensive resistance to the influence of chemicals (domestic cleaning and polishing agents).
- The pure acrylic adhesive on the covered side is featured by maximum resistance to ageing, UV-radiation, weathering and plasticizers. The good initial adhesion (tack) offers a reliable bond immediately after application. Maximum final adhesion is reached after approximately 24 hours.
- S57005 is vibration-absorbing and compensates different coefficients of linear thermal expansion.

Areas of Use

Used for door & window applications & mounting of building profiles.

Open Side:

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

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

For further information on **Pomona** or **Selfgard™** please email **sales@pomona.co.nz,** phone **0800 POMONA (0800 766662)** or contact your distributor.

Closed Side:

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

●●● Very suitable ●●○ Suitable ●○○ Suitable with reduc- ○○○ Not suitable

Temperature Range (°C)	-40 to 100
Shear Strength (N/625mm²)	50
Adhesion to Stainless Steel (N/25mm)	Open Side: 21 Closed Side: 22
Thickness (mm)	1.0 (1000 Microns)
Standard Sizes Available	12mm x 25m 18mm x 25m 24mm x 25m 48mm x 25m Custom slit available

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.

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.