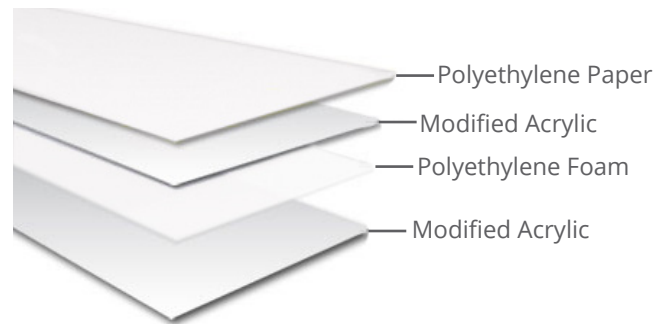


S5123 Technical Data

Duplocoll® Double Sided Modified Acrylic Foam Tape



Product Composition



Liner	0.15mm White Polyethylene Paper
Adhesive Covered Side	Modified Acrylic
Carrier	White Polyethylene foam
Adhesive Open Side	Modified Acrylic

Benefits / Features

Excellent cold shock resistance	Good initial & final adhesion
High shear strength	Good ageing resistance
Very good bonding on rough & smooth surfaces	Waterproof
Excellent chemical resistance	

Areas of Use

Ideal for mounting of building profiles, making extruded plastic profiles. Used for door & window applications. Great for mirror mounting & making various products self adhesive.

Applicable Industries

Building, Construction, Decorative, plastic & Glazing industries

Product Features	Applicability On		
Initial adhesion	● ● ●	Foam	● ○ ○
Final adhesion	● ● ○	Rubber	● ○ ○
Dimensional stability	● ○ ○	Fabric	● ● ○
Adhesion on even surfaces	● ● ●	Glass/Ceramics	● ● ●
Adhesion on rough surfaces	● ● ●	Wood	● ● ●
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			

Temperature Range (°C)	-40 to +90
Static Shear Strength	58 Hours
Adhesion to Stainless Steel (N/25mm)	18
Thickness (mm)	0.2 (200 Microns)
Standard Sizes Available	12mm x 25m 18mm x 25m 24mm x 25m 48mm x 25m 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.