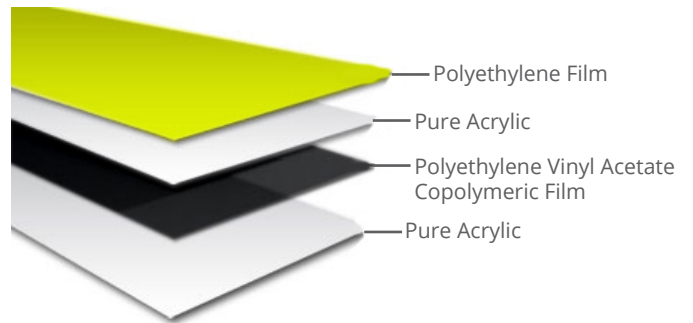


S931F Technical Data

Duplocoll® Double Sided Pure Acrylic Foam Tape



Product Composition



Liner	Yellow Polyethylene Film
Adhesive Covered Side	Pure Acrylic
Carrier	Polyethylene Vinyl Acetate Copolymeric Foam
Adhesive Open Side	Pure Acrylic

Benefits / Features

Good initial tack	High temperature & ageing resistance
Excellent resistance to solvents & plasticizers	
Resistance to U.V radiation	

Areas of Use

Permanent bonding of decorative and functional trims, nameplates, emblems, face plates, holder and extruded rubber profiles.

Applicable Industries

Automotive industry.

Product Features

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 +125
Static Shear Strength at +85°C	> 30 minutes
Adhesion to Stainless Steel (N/25mm)	6.0 (After 1 Hour) 18.3 (After 120 Hours)
Resistance to Cold Shock (°C)	No loss of adhesion at -40
Thickness (mm)	1.4 (1400 Microns)
Standard Sizes Available	12mm x 10m 18mm x 10m 24mm x 10m

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. NB: Peak Force Test: based on ASTM 3759/D ASTM 3759/M and Pomona® test methods, Peel Test: based on ASTM D3330 and Pomona® test methods.