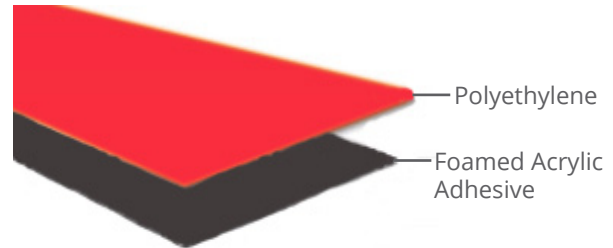


S3711 Technical Data

Double Sided 1.1mmTH Permanent High Bond Tape



Product Composition



Liner	Red Polyethylene Film
Adhesive	Dark Grey Foamed Acrylic

Benefits / Features

Excellent initial tack	Bonds to high energy substrates including metal, glass & plastics
Excellent weather & U.V resistance	Long life application
Permanent high bond (PHB)	

Areas of Use

For permanent bonding & sealing to replace spot welds, rivets, liquid adhesives & other permanent fasteners. Ideal for double glazing, back lit signs, refrigeration display units & automotive trim mount

Applicable Industries

Building, Sign Writing, Plastic, Automotive, Manufacturing & Engineering industries

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	

Temperature Range (°C)	-40 to +120
Static Shear Strength	> 1000 Hours
Adhesion to Stainless Steel (N/25mm)	60 After 20 Minutes 70 After 80 Hours
Thickness (mm)	1.1 (1100 Microns)
Standard Sizes Available	12mm x 33m 18mm x 33m 24mm x 33m
	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. 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.