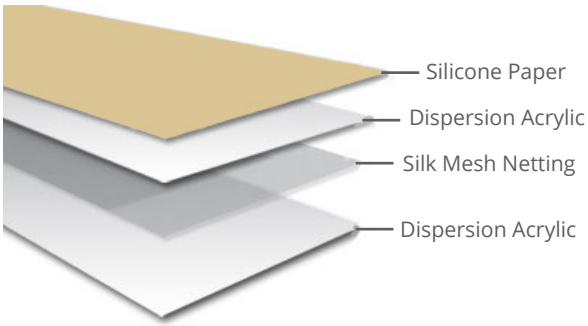
S1120N Technical Data

Double Sided Dispersion Acrylic Scrim Carrier Tape

Product Composition



Liner	Brown Silicone Paper
Adhesive Covered Side	Dispersion Acrylic
Carrier	Silk Mesh Netting
Adhesive Open Side	Dispersion Acrylic

Benefits / Features

Plasticizer free
UV resistance according to LKG PM_131
Low water sensitivity
The silk mesh netting reinforces and stabilizes flexible materials such as foams

Long term stability against aging
High bonding strength even at low temperatures on rough surfaces

Areas of Use

Suitable for tension free bonding on most rough and flexible substrates, bonding polyolefinic plastics, fastening very rough carpet on skirting boards and mounting wall based mouldings.

Applicable Industries

Automotive, Flooring & Electronic industry.

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 (with primer)	●●○
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.

Temperature Range	-40°C to +80°C
Static Shear Strength On steel according to DIN EN 1943 edition 1996 at +23°C +/-2°C	5 N/625mm² 
Adhesion to Stainless Steel On steel according to DIN EN 1939 edition 1996 at +23°C +/-2°C	35 N/25mm 
Thickness	0.230mm (230 Microns)
Standard Sizes Available	20mm x 50m 40mm x 50m Custom sizes are 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.

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