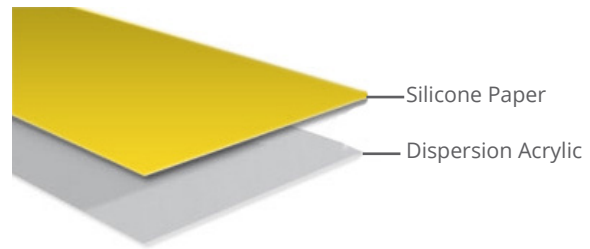


S450 Technical Data

DuploColl Double Sided Clear Transfer High Temperature Tape



Product Composition



| | |
|-----------------------|--------------------|
| Liner | Silicone Paper |
| Adhesive Covered Side | Dispersion Acrylic |
| Adhesive Open Side | Dispersion Acrylic |

Benefits / Features

The dispersion acrylic adhesive is distinguished by excellent initial adhesion (tack) and enters into the pores of materials on account of its soft consistency. The effective bonding surface therefore is increased by a multiple.
 Resistant to ageing and UV-radiation
 For foam lamination at room temperature only a slight laminating pressure is required to achieve perfect bonding.

Areas of Use

Ideal for bonding of bituminous materials, mounting rear boot linings (felt, carpet) & making all types of foam self adhesive.

Applicable Industries

Automotive & light industrial 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 +120 |
| Static Shear Strength | 4 Hours |
| Adhesion to Stainless Steel (N/25mm) | 20 |
| Thickness (mm) | 0.05 (50 Microns) |
| Standard Sizes Available | 12mm x 100m = 72 Rolls Per Carton 18mm x 100m = 48 Rolls Per Carton 24mm x 100m = 36 Rolls Per Carton 36mm x 100m = 24 Rolls Per Carton 48mm x 100m = 48 Rolls Per Carton |

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.