

tesa® 4939

Removable d/s PET-cloth, differential rubber based adhesive system

tesa® 4939 is a double-sided floor laying tape. It consists of a strong PET-cloth backing in combination with a differential rubber adhesive system.

The special formulated adhesive on the open side combines a high initial bonding power with a residue free removability up to 14 days from the most common surfaces. (Needs to be tested individually before usage!)

Main Application

Temporary floor laying during fairs, exhibitions, conventions & renovations

Technical Data

| | | | |
|--------------------|------------------|-----------------------|----------|
| ▪ Backing material | cloth | ▪ Elongation at break | 40 % |
| ▪ Color | white | ▪ Tensile strength | 50 N/cm |
| ▪ Total thickness | 250 µm | ▪ Type of liner | glassine |
| ▪ Type of adhesive | synthetic rubber | ▪ Colour of liner | brown |

Adhesion to

| | | | |
|---------------------------------|----------|---------------------------------------|----------|
| ▪ Steel (initial) | 5.0 N/cm | ▪ Steel (after 14 days) | 5.5 N/cm |
| ▪ Steel (covered side, initial) | 7.5 N/cm | ▪ Steel (covered side, after 14 days) | 8.0 N/cm |
| ▪ PE (initial) | 2.5 N/cm | ▪ PE (after 14 days) | 2.0 N/cm |
| ▪ PE (covered side, initial) | 4.5 N/cm | ▪ PE (covered side, after 14 days) | 5.0 N/cm |
| ▪ PP (initial) | 4.5 N/cm | ▪ PP (after 14 days) | 2.5 N/cm |
| ▪ PP (covered side, initial) | 6.5 N/cm | ▪ PP (covered side, after 14 days) | 5.0 N/cm |

Properties

| | | | |
|-------------------------------------|-------|-----------------------------------|------|
| ▪ Temperature resistance short term | 80 °C | ▪ Resistance to chemicals | ●●● |
| ▪ Temperature resistance long term | 40 °C | ▪ Static shear resistance at 23°C | ●●●● |
| ▪ Tack | ●●●● | ▪ Static shear resistance at 40°C | ●●● |
| ▪ Ageing resistance (UV) | ●● | ▪ Static shear resistance at 70°C | ●● |
| ▪ Humidity resistance | ●●● | ▪ Fogging | ●●●● |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=04939>

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