tesa® 60169
Chemical Resistance UV

Product Information

Ethyl acetate-based Adhesion Promoter

Product Description

tesa® 60169 Chemical Resistance UV can be used to improve the adhesion of tesa's pressure-sensitive adhesive tape offering to different substrates such as steel, PBT, Kalix, polypropylene, metal or glass. It is especially recommended for our tesa® acrylic foam and acrylic PET tapes. The special formulation of tesa® 60169 Chemical Resistance UV allows a strong adhesion in combination with chemical resistance properties. The UV-traceability ensures an easy quality control during the application process.

Product Features

- The special formulation of tesa® 60169 Chemical Resistance UV allows a strong adhesion in combination with chemical resistance properties.
- The UV-traceability ensures an easy quality control during the application process.

Application Fields

Our tesa® 60169 Chemical Resistance UV can be used to significantly improve the bonding strength of tesa® acrylic foam and acrylic PET tapes. Testing shows significantly higher peel adhesion values.

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

- Color: yellow

Properties/Performance Values

- Consistency: liquid
- Density: 0.906 g/cm³
- Solids: 4 %
- Spreading rate ca.: 35 m²/l
- Viscosity: 14.18 mPa s

Additional Information

Before using our adhesion promoter, the bonding surface, i.e. the substrate, should be free of dust, grease, oil, moisture, and other contaminants. Therefore, we highly recommend cleaning the substrate with a lint-free cloth using solvents, such as ethanol or isopropanol.

tesa® 60169 Chemical Resistance UV can be applied in an inkjet process or with a lint-free cloth, brush or sponge, once the surface has been cleaned. The entire surface should be coated thinly with adhesion promoter in order to reach the highest bonding performance. It is important to wait at least 30 seconds to 15 minutes, in order to give solvents time to evaporate. Please make sure to keep the prepared surface free of contaminants prior to applying the tape. Once the

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substrate has been properly pre-treated with tesa® 60169 Chemical Resistance UV, the bond should be established within 30 minutes.

Please note that due to the multitude of available substrate formulations in the marketplace, it is recommended to test our tesa® 60169 Chemical Resistance UV prior to usage.

The shelf life of this product amounts to at least 24 months after production, when stored at room temperature in its sealed original container. For further information and advice on safe handling please refer to our material safety data sheet (MSDS), which is available upon request.

Solids content including all reactive substances.

Disclaimer

For latest information on this product please visit http://l.tesa.com/?ip=60169