



tesa[®] 60168

Chemical Resistance

Product Information

Ethyl acetate-based Adhesion Promoter

Product Description

tesa[®] 60168 Chemical Resistance 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.

Product Features

- The special formulation of tesa 60168 Chemical Resistance allows a strong adhesion in combination with chemical resistance properties.

Application Fields

Our tesa[®] 60168 Chemical Resistance 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 light-yellow

Properties/Performance Values

- | | | | |
|---------------|-------------------------|----------------------|----------------------|
| • Consistency | liquid | • Spreading rate ca. | 35 m ² /l |
| • Density | 0.906 g/cm ³ | • Viscosity | 14.16 mPa s |
| • Solids | 4 % | | |

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[®] 60168 Chemical Resistance 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 substrate has been properly pre-treated with tesa[®] 60168 Chemical Resistance, the bond should be established within 30 minutes.

For latest information on this product please visit <http://l.tesa.com/?ip=60168>



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Additional Information

Please note that due to the multitude of available substrate formulations in the marketplace, it is recommended to test our tesa[®] 60168 Chemical Resistance 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

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=60168>