



tesa[®] 60153 Adhesion Promoter Fast Cure

Product Information



Fast-curing surface treatment to improve adhesion to various substrates

Product Description

tesa[®] 60153 Adhesion Promoter Fast Cure is a state-of-the-art solution designed to maximize the bonding strength of tesa's pressure-sensitive adhesive tapes. Developed with cutting-edge technology, this fast-curing promoter is optimized for a wide array of substrates, from common low-energy plastics in the automotive industry, such as PP/EPDM, ABS, and PU, to a variety of metals like aluminum. Its unique formulation ensures rapid, robust adhesion, making it a versatile and essential tool for achieving superior bonding results in various industrial applications.

Product Features

- It is especially recommended for our ACX^{plus} product family
- The UV-traceability of this adhesion promoter allows easy quality control during the application process

Application Fields

tesa[®] 60153 Adhesion Promoter Fast Cure is versatile and suitable for enhancing the adhesion of tesa's pressure-sensitive adhesive tapes to a wide range of materials. Its efficacy spans from low-energy plastics (e.g. PP/EPDM, ABS, and PU) to various metals such (e.g. aluminum). This broad compatibility makes it an ideal choice for diverse applications across different industries. We advise evaluating the effectiveness of tesa[®] 60153 Adhesion Promoter Fast Cure on the specific substrate in question to ensure optimal adhesion performance.

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

Product Assortment

- Available colors yellow

Properties/Performance Values

- | | | | |
|---------------|------------------------|----------------------|----------------------|
| • Consistency | liquid | • Spreading rate ca. | 15 m ² /l |
| • Density | 0.82 g/cm ³ | • Viscosity | 20 mPa s |
| • Solids | 9 % | | |

Additional Information

Before using our adhesion promoter, the bonding surface 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 or our tesa[®] 60040 Industry Cleaner.

For latest information on this product please visit <http://l.tesa.com/?ip=60153>



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Once the surface has been cleaned, you can go ahead and apply our tesa[®] 60153 Adhesion Promoter Fast Cure. We recommend applying our adhesion promoters with a melamin sponge or lint-free cloth. The entire surface should be evenly coated with adhesion promoter in order to reach the highest bonding performance. To ensure that the primer is fully dried, it is crucial to wait for a minimum of 30 seconds to 5 minutes (depending on the surrounding temperature and humidity), allowing ample time for solvents 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[®] 60153 Adhesion Promoter Fast Cure, the open time for bonding should be several hours. Please note that due to the multitude of available substrate formulations in the marketplace, it is recommended to test our tesa[®] Adhesion Promoter prior to usage.

- The shelf life of this product amounts to at least 12 months when stored at room temperature in its sealed original container.
- For further information and advice on safe handling please refer to our safety data sheet (SDS), which is available upon request

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=60153>