tesa® 92108 HiP



Product Information

High initial Performance (HiP) - 0.8 mm double-sided foam tape for LSE surfaces: plastic to plastic application

Product Description

tesa® 92108 HiP is a deep black double-sided foam tape for mounting interior plastic parts. This single-layer designed product provides its high performance on LSE plastics right after application without any surface pre-treatment. Its high-performance LSE adhesive creates an outstanding and secure bond to typical automotive attachment parts made of LSE (like PP and PP/EPDM) and MSE (like ABS, PA, or PC). tesa® 92108 HiP shows low VOC properties to meet automotive interior requirements and assures a reliable bond in the temperature range from -30°C to 100°C that is requested for interior applications.

Its pull force resistance and shear force resistance even on demanding LSE surfaces is outstanding and provides a secure bond in changing temperature conditions.
tesa® 92108 HiP is suitable for sealing requirements in terms of air and humidity permeability.
tesa® 92108 HiP is also available in 0.5 mm and 1.1 mm thicknesses.

LSE: Low surface energy
MSE: Medium surface energy

Product Features

- High initial bonding performance on LSE plastics (e.g.: PP) without any pre-treatment
- Superior bonding performance right after application
- Low VOC (acc. GB 27630) – no critical substances detectable
- Deep black color for enhanced appearance and design flexibility
- High humidity and age resistance
- Very good sealing properties
- Efficient and robust application
- tesa® 92108 HiP optimally absorbs and compensates dynamic and static stress.

Application Fields

tesa® 92108 HiP is suitable for a wide range of plastic to plastic applications. To ensure the highest performance possible, our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation.

Example applications are:

- Mounting of plastics in interior systems (e.g.: inner doors, cockpits, steering wheels, consoles and decorative trims, etc.)
- Mounting of plastic attachment parts in interior and exterior (e.g.: sensors, cameras, emblems and lightweight attachments, etc.)
- Mounting of plastics in automotive electronics modules (e.g.: display in comfort and infotainment systems, ambient lighting, etc.)

For latest information on this product please visit http://l.tesa.com/?ip=92108PV0BK

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Product Information

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

- Backing material: none
- Type of adhesive: performance polymer foam
- Type of liner: PET
- Total thickness: 800 µm
- Colour: black
- Colour of liner: transparent

Properties/Performance Values

- Ageing resistance (UV): good
- Low VOC: very good
- Static shear resistance: very good

Adhesion to Values

- ABS (initial): 25 N/cm
- ABS (after 3 days): 30 N/cm
- PP (initial): 28 N/cm
- PP (after 3 days): 36 N/cm
- Steel (initial): 32 N/cm
- Steel (after 3 days): 35 N/cm

Additional Information

According to VDA278 analysis, our tesa® 92108 HiP tape does not contain any single substances restricted by the drafted GB
regulations (China) or the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).

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.

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