



tesa® 50400

Product Information



d/s Cable Mounting Tape (low VOC)

Product Description

tesa® 50400 is a double-sided tape with a non-woven backing coated with a special water based acrylic adhesive to meet VOC requirements.

The product is especially designed for bonding on rough or highly irregular surfaces and can be used in a wide range of automotive interior applications.

Product Features

tesa® 50400 offers the following features and benefits:

- High initial peel adhesion for immediate and secure mounting of cables to headliners
- Excellent bonding on rough, irregular and nonpolar surfaces
- High tack
- Highly conformable
- High shear strength
- Repositionable
- Fulfills the common requirements for headliner and automotive interior applications
- Low VOC (according to VDA278) - no critical substances detectable
- Suitable for automatic tape applications
- Suitable for complex contours and geometries
- Proven application benefits compared to standard hot melt alternatives

tesa® 50400 enables:

- Manual and automatic application
- Seamless integration into existing production systems and setups
- Decreased operator interaction, due to spools with over 1500m
- Improved operator safety

Application Fields

tesa® 50400 is suitable for mounting of wire harness assemblies to automotive headliners, attaching crash pads and similar applications.



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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	PET / non-woven	• Color	black
• Type of adhesive	acrylic	• Color of liner	transparent
• Type of liner	PET	• Thickness of tape	350 µm

Properties/Performance Values

• Elongation at break	35 %	• Static shear resistance	very good
• Tensile strength	8.5 N/cm	• Suitable for rough surfaces	yes
• Conformability	very good	• Tack	very good
• Low VOC	yes		

Storage Conditions

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If stored under proper conditions, product retains its performance and properties for 12 months from date of delivery.

The optimum storage conditions are 23°C and 50% relative humidity.

Additional Information

tesa® 50400 is available as pancake roll or spool in various dimensions.

Spools with up to 3000m.

tesa Application Solution Center offers tape, application and automation support for customized equipment and application tools.

For tesa® 50400 hand application tools and an automation concept with industrial robots is available.



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