

45001

Product Information



Flame Retardant PE-Foam Tape

Product Description

tesa® 45001 is a flame-retardant PE-foam tape for permanent mounting in demanding applications. The tape comprises of a flame-retardant acrylic adhesive and flame-retardant PE-foam with excellent bonding strength. Following features are offered:

- Proven flame-retardant characteristics according to FAR 25.853(a) app. F part1 and UL 94 HBF - HF1
- Free of halogens and antimony-trioxide (REACH and ROHS conformity)
- Excellent adhesion characteristics on a variety of surfaces
- High conformability and damping properties
- Extremely light weight compared to alternative flame-retardant bonding opportunities

Product Features

- Flame retardant
- Wide product portfolio
- Excellent adhesion characteristics on a variety of surfaces
- High conformability and gap filling properties
- Extremely light weight compared to alternative flame retardant bonding opportunities
- Shock absorbing
- Proven flame retardant characteristics according to FAR 25.853(a) app. F part1 and UL 94 HBF - HF1

Application Fields

- Mounting in elevator
- Bonding in aircraft cabin interior
- Assemblies in trains

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	FR PE foam	• Total thickness	1000 µm
• Type of adhesive	FR acrylic	• Color	white
• Type of liner	plain red		

Properties/Performance Values

• Static shear resistance at 40°C	good, medium	• Temperature resistance short term	80 °C
• Temperature resistance long term	80 °C		



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Adhesion to Values

• Aluminium (initial)	16.6 N/cm	• Steel (initial)	19.2 N/cm
• Aluminium (after 14 days)	21.8 N/cm	• Steel (after 14 days)	22 N/cm

Additional Information

PV6 = red MOPP liner (80µm)

Disclaimer

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