

# 45001

## Product Information



### 1000 µm Flame Retardant PE-Foam Tape

#### Product Description

The tesa® flameXtinct product family comprises a variety of high performance adhesive tape solutions for mounting applications. The tesa® flameXtinct assortment, and thus all contained products are clearly defined by following characteristics:

- Flame retardant
- Halogen-free
- High performance adhesives
- Wide product portfolio

tesa® flameXtinct 45001 product 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
- Excellent adhesion characteristics on a variety of surfaces
- High conformability and gap filling properties
- Shock absorbing
- 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
- Marine applications
- Automotive

#### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.



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## Product Information

### Product Construction

- |                    |            |                   |         |
|--------------------|------------|-------------------|---------|
| • Backing material | FR PE foam | • Total thickness | 1000 µm |
| • Type of adhesive | FR acrylic | • Colour          | white   |
| • Type of liner    | plain red  |                   |         |

### Properties/Performance Values

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

### 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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For latest information on this product please visit <http://l.tesa.com/?ip=45001>