



# tesa® flameXtinct 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



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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 | 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  | • 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

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=45001>