



tesa[®]

tesa[®] flameXtinct

Introducing flame retardant and halogen-free mounting

Proven reliability and safety where it matters most

To ensure health and asset protection, fire safety regulations are of special importance in a variety of industries, such as aviation, trains, marine, building & construction, elevators, automotive & e-mobility.

These regulations define precise standards for manufacturing processes and all integrated materials, such as self-adhesive tapes used for demanding mounting applications of various components.

Our tesa[®] flameXtinct assortment complies with fire regulation standards and all tapes are halogen-free, which supports smoke reduction and less gas toxicity. Since the majority of fire-related fatalities is caused by the inhalation of toxic fumes, international regulations strive to restrict the use of certain halogenated products in the future.



tesa[®] flameXtinct in a nutshell



Tested acc. to 'UL94' and 'FAR 25.853(a) app. F part1, (a) (1) ii' (aerospace) to fulfill highest flame retardant requirements



All products are halogen-free to reduce smoke and toxicity










High performance acrylic adhesives ensure reliable long-term bonding and outstanding performance on a variety of surfaces



An unmatched range of distinct products to offer the right solution for each application

The tesa® flameXtinct family: Choosing your perfect fit

Our tesa® flameXtinct family currently consists of four separate products, tailored to individual application needs. For a high-level overview and product selection indication, please refer to the table below. We know that each application is unique and comes with special requirements - please contact us to discuss your individual needs and find your perfectly fitting solution.

	tesa® flameXtinct 45051	tesa® flameXtinct 45001	tesa® flameXtinct 45063	tesa® flameXtinct 45065
				
 Product design	Acrylic adhesive PET backing	Acrylic adhesive PE foam backing	Acrylic adhesive Acrylic core backing	Acrylic adhesive Acrylic core backing
Tape thickness	200 µm / 8 mil	1000 µm / 39 mil	800 µm / 31.5 mil	1200 µm / 47 mil
Color	Transparent tape Red liner	White tape Red liner	White tape White liner	White tape White liner
 UL 94	✓	✓	✓	✓
FAR 25.853	✓	✓	✓	✓
Gap filling		✓	✓	✓
Shock absorption		✓	✓	✓
Light-weight		✓		
 Viscoelasticity			✓	✓
Conformability	☆☆☆	★★★★	☆☆☆	☆☆☆
Standard bonding	★★★★	★★★★	★★★★	★★★★
Demanding bonding (e.g. heavy-weight or challenging material properties)	☆☆☆	☆☆☆	★★★★	★★★★
Temperature resistance	★★★★	☆☆☆	★★★★	★★★★

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore 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. 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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