

**Packstat PS591** 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.

### Product Benefits

- 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

### Main Applications

- Mounting in elevator
- Bonding in aircraft cabin interior
- Assemblies in trains
- Marine applications
- Automotive

Product Properties	Unit	Nominal Value
Backing material	n/a	FR PE foam
Adhesive Type	n/a	FR acrylic
Liner Type	n/a	Plain red
Colour	n/a	white
Total thickness	µm	1,000
Temperature resistance short term	°C	80
Temperature resistance long term	°C	80
Static shear resistance at 40°C	n/a	good
Adhesion to Aluminium (initial)	N/cm	16.6
Adhesion to Aluminium (after 14 days)	N/cm	21.8
Adhesion to Steel (initial)	N/cm	19.2
Adhesion to Steel (after 14 days)	N/cm	22

28<sup>th</sup> April 2026

The information supplied is accurate to the best of knowledge and is based upon current data. Properties quoted are typical and do not therefore, constitute a specification. Customers are recommended to complete their own assessment of the product for its intended application under their own conditions. Once issued however, it is an uncontrolled document. Please refer to our Terms & Conditions of Sale for further information.

Packstat Ltd, Ely Valley Business Park, Pontyclun, CF72 9DZ | T 01443 223361 | [enquiries@packstat.co.uk](mailto:enquiries@packstat.co.uk) | [packstat.co.uk](http://packstat.co.uk)