



F14-588

FLAME RETARDANT PRESSURE SENSITIVE FILM ADHESIVE

KEY FEATURES

- Excellent shear strength
- Meets BMS 5-91 TYPE IV product specification
- Good creep and peel characteristics

DESCRIPTION

F14-588 is a flame retardant acrylic film adhesive. The primary application for F14-588 is the bonding of flexible PVF and vinyl materials for the interior of commercial aircrafts and trains. This film adhesive offers excellent shear and heat resistance while maintaining low OSU heat release and smoke generation. F14-588 also offers excellent adhesion to aluminum, phenolic prepreg honeycomb and a variety of plastics, has excellent shock resistance above -20°F (-29°C), and is supported by a moisture stable and tear resistant liner system. F14-588 is the non-decabromodiphenyl ether offset to F14-576.

KEY BENEFITS

- Good plasticizer and shrink resistance
- Excellent resistance to humidity and elevated temperatures
- Serviceable bonds at temperatures between -20 and 160°F (-29 and 82°C)

PACKAGING

F14-588 is supplied on a dual liner system consisting of a paper liner and a white LDPE liner. It is available at a 2 mil (51 microns) thickness, a width of 60 inches (152 cm), and roll length of 300 lf (91 m). It is also available in a 3 mil (76 microns) thickness, widths of 55 and 61 inches (140 and 155 cm), and length of 220 ly (201 m).



TYPICAL PHYSICAL PROPERTIES

Description	Results
Film Weight	60 and 90 g/m ²
% Volatiles	< 3.0%
Peel from 6 mil Paper Liner	12 g/in (4.7 g/cm)
Peel from 4 mil LDPE Liner	40 g/in (16 g/cm)

AVAILABILITY

Properties	Values
Film Thickness	2 and 3 mils (51 and 76 microns)
Width	55 to 61 in (140 to 155 cm)
Length	100 to 220 ly (91 to 201 m)
ID Core Size	3 in (7.6 cm)

SHELF LIFE

Store in a dry location at 40 to 80°F (4 to 27°C). Shelf life is approximately 12 months under these conditions.

DIRECTIONS FOR USE

Laminate F14-588 to the primary substrate while discarding paper release liner. Remove the polyethylene liner and apply to clean, secondary substrate with firm, even pressure. Heat may be used to accelerate bonding.

HEALTH & SAFETY PRECAUTIONS

The Safety Data Sheet should be consulted for proper handling, clean up and spill containment before use. Keep containers covered to minimize contamination.

LIMITED WARRANTY

The Limited Warranty for this product can be found at www.bostik-us.com/resource-center/warranties or by calling 1-800-726-7845 (choose option 2, then option 2 again). To the maximum extent allowed by law, Bostik disclaims all other express or implied warranties, including without limitation warranties of merchantability and fitness for a particular purpose. Unless otherwise stated in the limited warranty, the sole remedy for breach of warranty is replacement of the product or refund of the buyer's purchase price. Bostik disclaims any liability for direct, incidental, consequential, or special damages to the maximum extent allowed by law. Disclaimers of implied warranties may not be applicable to certain classes of buyers and some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK HOTLINE

Smart help
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