



# F14-554

## FLAME RETARDANT PRESSURE SENSITIVE FILM ADHESIVE

### KEY FEATURES

- Formulated without brominated FR materials
- Very low smoke generation
- Robust performance over a wide range of temperatures, from -29 °C - 82 °C (-20° - 180 °F)

### DESCRIPTION

F14-554 is a flame retardant, acrylic pressure sensitive film adhesive protected with a dual liner system. One liner is an easy-strip disposable paper and the other is a low density polyethylene. This film offers excellent peel, shear and heat resistance while maintaining low smoke generation.

The primary application for F14-554 is the bonding of flexible decorative PVF for the interior of commercial aircraft. This product offers exceptional adhesion to aluminum, phenolic prepreg honeycomb and a variety of plastics. F14-554 provides excellent peel and shear properties as well as shock resistance above -29 °C (-20 °F). F14-554 film is formulated without the use of brominated fire retardant materials.

### PACKAGING

F14-554 is supplied on a dual liner system consisting of a paper liner and a white LDPE liner. This film is sold in roll form on a 7.6 cm (3 in) inner diameter core.

Please contact your Bostik representative for additional packaging options.

### SHELF LIFE

The shelf life of F14-554 is approximately 18 months (548 days) when shipped and stored at temperatures between 5 °C to 35 °C.



DECORATIVE LAMINATE MOUNTING

PRE-APPLIED ATTACHMENT BONDING

### TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance	White to light yellow film
Liner Properties	Dual liner system of paper and polyethylene liners
Trimmed Width	up to 155 cm (61 in)
Dry Film Weight	90 g/m <sup>2</sup> (3 mil film)
Peel from 6 mil Paper Liner	4.7 g/cm (12 g/in)
Peel from 4 mil LDPE Liner	16 g/cm (40 g/in)
% Volatiles	< 3%

### STORAGE & HANDLING

Store in a cool, dry place with less than 70% relative humidity.

### APPLICATION TECHNIQUES

Initial bond: Laminate F14-554 to the primary substrate at ambient temperature while discarding paper release liner.

Final bond: Remove the polyethylene liner and apply to clean secondary substrate with firm, even pressure.

## CURING CONDITIONS

F14-554 is a pressure sensitive adhesive film and does not cure.

## 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

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### BOSTIK HOTLINE

Smart help  
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