



FPA110-1FR

FLAME RETARDANT THERMOPLASTIC FILM ADHESIVE

KEY FEATURES

- Excellent fire retardancy
- Easily removable during refurbishment
- Meets BMS 5-158 Type II product specification for the aerospace industry

DESCRIPTION

Bostik's FPA110-1FR is a fire retardant, thermoplastic film adhesive designed for use in the transportation industry. FPA110-1FR has excellent adhesion to PVF, vinyl, aluminum, polyamide film, phenolic prepreg and various fabrics and wools. The product can be used to bond decorative laminates to walls and furniture and can be removed easily during refurbishment.

FEATURES

- Thermoplastic bonding film
- Heat activated at 220 to 235°F (104 to 113°C)
- Heat resistance up to 200°F (93°C)

BENEFITS

- Excellent fire retardant properties
- Removable sidewall bonding of PVF decorative during aircraft refurbishment
- Can be bonded in a platen press or vacuum bag process

BASIC USES

- Removable decorative laminates
- Bonding PVF decoratives
- Textile bonding

DIRECTIONS FOR USE

FPA110-1FR was designed as a mounting film for decorative laminates. The FPA110-1FR film can be tacked to the backside of the decorative at 220-235°F (104-113°C). The adhesive backed decorative can be vacuum bagged to the crushed core panel at the same temperature and 20-50 psi (138-345 kPa).

PACKAGING

FPA110-1FR is available at a 1 mil (25 microns) thickness, widths of 53 and 59 inches (135 and 150 cm), and a roll length of 500 ly (457 m).



VENEER ATTACHMENT

LAMINATE BONDING

TYPICAL PHYSICAL PROPERTIES

Description	Results
Appearance	Off-white
Film Weight	32 g/m ²
Density of Film @ 25°C	1.6 g/cm ³ (13.3 lb/gal)
SAFT Heat Resistance	200°F (93°C)

AVAILABILITY

Film Thickness	1.0 mils (25 microns)
Width	53 and 59 in (135 and 150 cm)
Length	Up to 500 ly (457 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 24 months under these conditions.

FURTHER INFORMATION

Please refer to SDS for complete details.

LIMITED WARRANTY

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BOSTIK HOTLINE

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