Technical Data Sheet

Protecflam Industries
Edition 17/06/2026

Plastiflam® 650

Flame-retardant coated polyester fabric

Description

Plastiflam® 650 is a polyester fabric coated with flame-retardant PVC on both sides. Whether used in static or dynamic applications, Plastiflam® 650 filters out some of the sun's rays and diffuses natural light. It has undergone a special treatment to prevent mould caused by capillary action. The fabric lasts longer and keeps its original appearance. Coated on both sides for a smooth, weather-resistant surface.

Colour: white / Contact us for other colours.

Use

- Pergolas
- Awnings
- Shade sails
- Marquees
- Flexible doors

Technical specifications

Width: 250 or 300 cm
Fabric backing: 1100 dtex PES HT
Coating: PVC
Weight per square metre: 680 g/m²
Tensile strength: 260 / 260 daN/5cm (NF EN ISO 1421)
Tear strength: 32 / 28 daN (DIN 53363)
Adhesion: 8 daN/5cm
Elongation under load (Ch / Tr): <1% / <2% (NF EN 15619)
Residual deformation (Ch / Tr): < 0.4% / < 0.8% (NF EN 15619)
Operating temperatures: -30°C / 70°C (24h, NF EN 1876-2)
Can be heat-sealed

Fire reaction

M2 / B1 / BS NFPA701 B-s2,d0 (NF P 92503 / DIN 4102 / BS 7837)

protecflam

Protecflam Industries
31, rue de l'Etoile du Matin
FR- 44600 St Nazaire
www.protecflam.fr
contact@protecflam.com
+33(0)2 40 90 10 80

Storage

Store in a dry, airtight area at temperatures between +5°C and +23°C for a maximum of 12 months after the date of manufacture. Store preferably in a cool, dry place, away from light and solvent vapours.

Measured values

All technical values stated in this product data sheet are based on laboratory tests. Circumstances beyond our control may lead to deviations from the actual values.

protecflam

Protecflam Industries
31, rue de l'Etoile du Matin
FR- 44600 St Nazaire
www.protecflam.fr
contact@protecflam.com
+33(0)2 40 90 10 80