Technical Data Sheet

Protecflam Industries
Edition 23/03/2026

Plastiflam® Cristal PR306

Semi-rigid flame-retardant PVC film

Description

Plastiflam® Cristal PR306 is a semi-rigid PVC film that is flame-retardant throughout its mass, calendered in accordance with Regulation (EU) No 10/2011* (Articles 16 and 22 and Annexes) (Materials and articles made of synthetic materials intended to come into contact with food) and Directive 94/62/EC (Packaging and waste).

Colour: transparent.

Use

Plastiflam® Cristal PR306 is designed for indoor use. It is primarily intended for UV offset, digital, screen, flexo and gravure printing. In its embossed form, the film features an anti-glare finish and enhanced scratch resistance. In practice, it can also be used to partition off workspaces within work areas (such as professional kitchens).

Can be cut and/or stapled.

Washable with soapy water. Handle with care. Avoid creasing and abrasion of the plastic film.

To avoid uncontrolled static build-up, a room temperature of between 20 and 23°C and a relative humidity of between 50 and 60% will yield the best results.

Technical specifications

Thickness: 500 µm
Density: approx. 1.31 g/cm³ (DIN 53479)
Dimensions: sheets measuring 140 x 100 cm
Tensile strength: > 44 N/mm² (NF EN ISO 527-1-3)
Vicat softening point: 77°C ± 2°C (DIN EN ISO 306 VST/B50 procedure, pressed sheet)
Melting point: approx. 125°C
Auto-ignition point: approx. 450°C

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Fire reaction

Classified as M1 in accordance with standard NF P92-503.

Storage

We recommend storing the product in a dry, well-ventilated area at temperatures between +5°C and +23°C for a maximum of six months from the date of manufacture, away from damp and protected from direct sunlight.

Measured values

All technical specifications given in this product data sheet are based on laboratory tests. Circumstances beyond our control may result in deviations from the actual values.

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