Technical Data Sheet

Protecflam Industries
Edition 11/03/2026

Plastiflam® 102 / 300

Flexible fire-retardant PVC film

Description

Plastiflam® 102/300 is a flexible, single-layer, calendered PVC film that is flame retardant throughout and suitable for various protective and decorative applications.
Colour: opaque/white.

Use

Plastiflam® 102/300 is for indoor use. It is used in the nuclear industry for floor protection.
Store at room temperature for at least 24 hours before use (approx. 23°C).
Can be cut and/or stapled. Can be joined by heat sealing or high frequency welding.
Washable with soapy water. Handle with care.
Avoid creasing and abrasion of the plastic film.

Technical specifications

Thickness: 300 µm
Surface weight: approx. 405 g/m²
Width: 140 cm
Packaging: rolls of 50 ml (i.e. 70 m²)
100% elongation (tension): Rmax: 95.5 N (dLmax: 100 mm)
Elongation before break: Rmax: 115.8 N (dLrupt: 137 mm)
Dimensional variations 5' at 70°C: 1.5% ± 0.5
phthalate content*: < 0.1%

Fire reaction

Classified M1 according to standards NF P 92-501, -504 and -505. DO-19-1196\A-R1 from Crepim.

Storage

Store in a dry, well-ventilated place at temperatures between +5 °C and +23 °C for a maximum of 6 months after the date of manufacture. Store in a cool, dry place.

protecflam

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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.

** Plastiflam® 102 / 300 is calendered with substances not listed as substances of very high concern (SVHC) in the REACH classification No. 1907/2006 of 18/12/2006, updated on 17/01/2019. Consequently, it does not contain any SVHC substances from the list currently in force in concentrations greater than 0.1% by weight. These formulations do not contain Bisphenol A (level below 0.1%) or heavy metals (level below 0.1%). All components, including additives used in manufacturing, are certified as complying with the EN71-3 toy standard and do not contain ortho-phthalates (less than 0.1%).*

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