Techical Data Sheet

Protecflam Industries
Edition 17/08/2026

Plastiflam® Polymat Secur

Low density PE flame retardant reinforced film.

Description

Tri-layers: glass fabric core and outer layers of virgin metallocene LDPE, halogen-free flame retardant masterbatch. Color: translucent or pink

- Good resistance to cold cracking
- High puncture resistance
- Flame retardant films free of halogens and heavy metals
- Made in France: low carbon footprint

Technical data

Width: 100 cm
Thickness: 420 µm ± 10%
Roll length: 50 ml
Weight per unit area: 58 g / m2 ± 10%
Longitudinal breaking load: 750 N / 5cm
Transverse breaking load: 750 N / 5cm
Operating temperature: between -30 ° C and 60 ° C

Fire reaction

Plastiflam® Polymat Secur has been M1 tested.

Storage

Store in a cool dry place, at temperatures between + 5 ° C and + 23 ° C, for a maximum of 6 months after the date of manufacture.
Fabric must not be exposed to UV rays or high temperatures.

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 Saint Nazaire
www.protecflam.fr
contact@protecflam.com
+33(0)2 40 90 10 80