Technical Data Sheet

Protecflam Industries
Edition 03/03/2026

Fiberflam® FA75

Flame-retardant acoustic veil

Description

100 % polyethylene black flame retardant acoustic veil.

Technical datas

Thickness	0,3 mm (EN/ISO 29073-1)
Mass per unit area	75 g/m^2 (EN/ISO 29073-2)
Tensile strength (machine direction)	25 N/5cm (EN/ISO 29073-3)
Tensile strength (cross direction)	35 N/5cm (EN/ISO 29073-3)
Elongation at break (machine direction)	15% (EN/ISO 29073-3)
Elongation at break (cross direction)	30% (EN/ISO 29073-3)
Acoustic impedance	250 Ns/m^3
Roll dimensions	1,24 m x 100 linear meters
Carbon footprint	3,91 Kg CO^2 eq/Kg nonwoven product

Thermobonding

The Fiberflam® FA75 acoustic veil is coated with EVA adhesive with a melting temperature of 90°C. At very high temperatures, the veil will deteriorate due to the melting of the fibers.

The application of the veil depends on the equipment used (hot press, pinch rollers, etc.).

Important parameters to control:
• Temperature
• Type of press used and applied pressure
• Dwell time

At high pressure and high temperature for an extended period, the material will absorb the EVA adhesive (like a sponge). This may lead to a loss of adhesion and result in adhesive bleed-through.

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During the process, pressure must be kept at a minimum temperature of 110°C for 5 seconds.

Fire reaction

Classified B-s1,d0 according to EN 13501

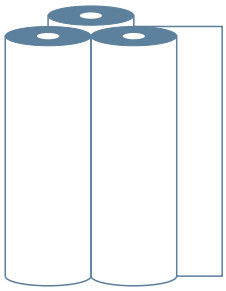
Acoustic properties

Sound absorption coefficients (EN/ISO 354)

45 mm plenum: αw = 0.25, Class E (MH)
200 mm plenum: αw = 0.45, Class D

Storage

Store in a dry indoor area at temperatures between +5°C and +23°C.
Preferably store in a properly ventilated area.



Rolls must be stored upright.

Measured values

All technical values stated in this product data sheet are based on laboratory tests. Circumstances beyond our control may result in deviations in actual measured values.

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