

Technical Data Sheet

FLAMRO Variant N III wrap

Definition

FLAMRO Variant N III wrap consists of a flexible, intumescent material on the basis of exfoliated graphite that foams up under high pressure with thermal influence. Special features: A pressure-resistant foam is created in case of fire.

Classification E according to DIN EN 13501-1



Technical Data

Composition	Halogen-free, foaming construction material on the basis of foaming graphite
Material structure	Firm, flexible roll material
Raw density [kg/m ³]	1200 (± 10 %)
Start of reaction	From approx. 190
Foaming rate [x-times]	18 to 38-times (550 °C; 30 min.; with load)
Direction of action	Three-dimensional
Emerging inflatable body	Solid, stable material
Foaming pressure [N/mm ²]	At least 0.8
Thermal conductivity [W/mK]	0.403

Application details

- Processing: Ideal application temperature + 18 °C to + 25 °C. Avoid temperatures beneath + 10 °C.
- Shell-life: Should be stored in their original package at temperatures between + 18 °C to + 25 °C. Keep away from direct sunlight.
- Surface: Surfaces must be stable, clean and free of grease and dust.

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