



HITS Intumescent Sheet



Product Description

HITS - High Intumescent Sheet is a flexible and ultra thin, expandable graphite based intumescent sheet designed to create a thermal insulation layer to protect the substrate during a fire.

The non woven fabric base is combined with proprietary intumescent compounds that, when exposed to heat, will expand to approx. 15mm. The carbon char will provide excellent fire protection of the substrate and significantly reduce smoke. If HITS is installed in an application that limits the expansion, the resulting high density char will provide a better thermal barrier to further delay ignition.



Specifications

Thickness	0.45 ±0.05 mm, 0.36 ±0.04 mm
Width	1200 mm
Length	1000 M
Basic Weight	280 ± 14g/M²
Base Materials	Non-woven fabric, graphite based fire retardants
Expandable Rate	≥ 35X by Volume
L.O.I.	> 50
UL 723 / ASTM E84	Class A, Flame Spread 20 Smoke 15

Characteristics

- Ultra Thin, light and flexible for easy installation
- Low expansion temperature
- High expansion rate
- Dense and strong intumescent carbon char layer
- Halogen, asbestos and formaldehyde free,
- Environmentally friendly safe and easy to use.