



## Product Number: 29

## Intumescent Cable Tray Pillows

### Description:

This is a true intumescent compressible pillow, filled with fireproof sponge and intumescent material. The pillow covering is coated glass-cloth which alone gives up to 4 hours of fire protection. In a fire, the pillow's stitching breaks and the intumescent pillow contents expand around and between the cables to fill up the opening. For use where cable trays pass through fire-rated ceilings, floors and walls. Supplied with a fitted cord and retention tag which can be riveted or screwed onto the cable tray.

### Material Specification:

Multigraf Intumescent material chemical constitution

Mineral Wool Fibre	20-70% by weight
Exfoliating Graphite	20-60% by weight
Organic Binder (including adhesive coating)	5.0-30% by weight

### Sponge properties

Physical form/appearance:	Solid, voluminous material, more or less elastic.
Colour:	Varies according to manufacture.
Specific gravity:	10-600 kg/m <sup>3</sup>
Solubility in water:	Insoluble
Odour:	None or mild odour
Flash ignition point:	Between 315°C to 370°C
Decomposition temperature:	Above 180°C
Thermal energy:	28 000 KJ/kg
Stability and reactivity:	The product is stable at temperatures between - 40°C and +12°C
Auto-ignition point:	Between 370°C to 427°C (ASTM D 1929)

### Test Details:

	<u>Integrity</u>	<u>Insulation</u>
Chiltern RF95001	181 Minutes	181 Minutes