



Product Number: 27

### Intumescent Trunking Pillows

#### Description:

A compressible intumescent pillow with cord and retention tag to fix to the trunking. Use this product when cold smoke as well as fire protection is required in steel or PVC trunking passing through walls and floors. The retaining cord and lug fit inside the trunking, so if the pillow is removed the lid cannot be re-fitted without first replacing the pillow. The pillows will initially allow for 30% or less filling of cables and will then compress to allow for 50% cable fill without overheating the cables. If trunking is more than 50% full, then intumescent pads (Envirograf® Product 26) should be used.

#### 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>
LPC TE 82610	183 Minutes	N/A