

TECHNICAL DATA SHEET No. ELE18 – 1 kv

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Product Information and Assembly Instructions - SAFETY RESCUE HOOK 1kv

Description: S shaped hook for the safe removal of electric shock victims from live low voltage power lines, and electric powered machines.

The hook enables the victim to be pulled clear by gripping the arms, legs, armpits, ankles etc. (See Pic. 2)

The safety gripping limit is marked with a black hand stop. (See Pic. 1).

Material: Black HD polyethylene, with high temperature stabiliser additive, and 2% U.V. stabiliser for high U.V. protection.

Excellent chemical resistance.

TDensity: 0.950 g/cm³

Voltage Creepage Path Resistance: 600 V

Elongation before break: 300%

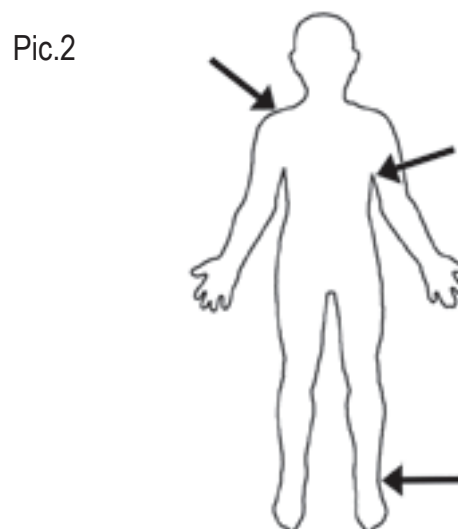
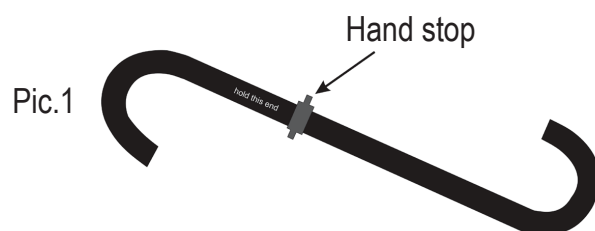
Bending E Modulus: $\geq 800\text{N/mm}^2$

Tensile E Modulus: $\geq 600\text{N/mm}^2$

Tensile Strength: 15N/mm²Ignition

Temperature: Approx. 350 °C

Operating Temperature Range: -50 to +70 °C



Suitable for outdoor storage, (e.g. outdoor substation) on account of U.V. stabilisation additive.

However, the device must not be stored permanently in direct sunlight. Anticipated Life: 10 years.

After this time the hook should be renewed. The year of manufacture is embossed on the hook.

Disposal Instructions:

1. Sent to a plastics recycling collection point.

2. Follow COSH regulations for disposal of Polythene, i.e. at an approved regranulating or waste incineration site.

Length: 1000 mm *Diameter: 25mm ** The stated dimensions are minimum values.

IMPORTANT!

Always switch off the power supply when an emergency rescue is undertaken, whenever this is possible.

The First Aider should always assume that he/she is working on a live installation, and use the emergency safety hook.

There is always the possibility of a back feed or a charged Power Capacitor on systems where the emergency is taking place.