



❶ Product :

Flexible and easy to decontaminate lead blanket for gamma radiation shielding in a nuclear environment. The blankets may hang, be laid down on the ground or wound around pipes or valves.

❷ Manufacturing process and specifications :

The shielding is made from 1mm thick lead sheets manufactured to BS EN 12588. The lead sheets are placed inside a plastic cover and sewn. This assembly is introduced into a second resistant plastic cover and the edges are welded up.

This process guarantees the performance of the lead blanket in the vertical position.

Lead equivalent thickness : 6mm (6 layers of 1mm thick)

Protective cover: highly resistant, non flammable woven material PE610g PVC to BS 7837 – 1996 and having easy to decontaminate properties.

Standard eyelets: 25 mm in diameter, positioned in such a way that two blankets can overlap horizontally and vertically.

Printing details to be added to each blanket :-

Calder Industrial Materials Logo.

www.calderlead.co.uk

Approximate weight = ***kgs.

Phone No 01244 390093.

Standard Material Specification

Available sizes Approx.	Wgt kgs Approx.	a	b	c	d	e
900mm x 500mm	22	800	900	400	500	70
750mm x 450 mm	15	650	750	350	450	70
500mm x 500mm	11	400	500	400	500	70

Tolerance on lead thickness = +/- 5%

Tolerance on lead cut edges = - 2mm + 0mm

(Must be cut square to avoid problems at coaters)

General overall tolerance = - 0mm + 1mm

Weight tolerance = +/- 5%

