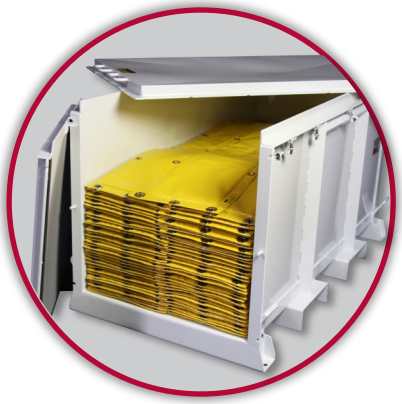
npo®
Radiation Shielding

Lead Wool Blankets



Part Number	Description
L5PHY02122	305x610 mm Standard Lead Wool Blanket, 5g/cm², 9 kg
L5PHY52122	305x610mmStandard Lead Wool Blanket, 6.8g/cm², 14 kg
L5PHY02123	305x915mm Standard Lead Wool Blanket, 5g/cm², 14 kg
L5PHY52123	305x915mm Standard Lead Wool Blanket, 6.8g/cm², 20 kg
L5PHY02124	305x1220mm Standard Lead Wool Blanket, 5g/cm², 18 kg
L5PHY52124	305x1220mm Standard Lead Wool Blanket, 6.8g/cm², 27 kg
L5PHY02125	305x1525mm Standard Lead Wool Blanket, 5g/cm², 23 kg
L5SHY52125	305x1525mm Standard Lead Wool Blanket, 6.8g/cm², 34 kg
L5PHY02126	305x1830mm Standard Lead Wool Blanket, 5g/cm², 27 kg
L5SHY52126	305x1830mm Standard Lead Wool Blanket, 6.8g/cm², 41 kg

Part Number	Description
L52GS052122	305x610mmHigh Temp Lead Wool Blanket, 5g/cm², 9 kg
L52GS552122	305x610mmHigh Temp Lead Wool Blanket, 6.8g/cm²,14 kg
L52GS052123	305x915mm High Temp Lead Wool Blanket, 5g/cm²,14 kg
L52GS552123	305x915mm High Temp Lead Wool Blanket, 6.8g/cm²,20 kg
L52GS052124	305x1220mm High Temp Lead Wool Blanket, 5g/cm²,18 kg
L52GS552124	305x1220mm High Temp Lead Wool Blanket, 6.8g/cm²,27 kg
L52GS052125	305x1525mm High Temp Lead Wool Blanket, 5g/cm², 23 kg
L52GS552125	305x1525mm High Temp Lead Wool Blanket, 6.8g/cm²,34 kg
L52GS052126	305x1830mm High Temp Lead Wool Blanket, 5g/cm², 27 kg
L52GS552126	305x1830mm High Temp Lead Wool Blanket, 6.8g/cm²,41 kg

Technical Specifications

Lead wool blankets are the industry standard radiation shield product for industrial applications. They are typically used to create a barrier between a radiological source and the rad worker. Lead blankets are often hung on scaffold or cables by S-hooks to create a shield wall. They may also be draped over pipes/valves/heat exchangers or placed on the floor to shield sources from below.

Lead wool blankets are created by forming continuous lead wool rope into the desired shape through use of rollers and dies. The form is then sewn, quilted, and cross stitched inside a layer of PVC to create a billet. The billet is RF sealed inside a second layer of PVC, creating a waterproof barrier. The excess PVC is trimmed and the grommets are installed.

Lead wool blankets are cost effective, durable, and versatile.

Below are the technical specifications which apply to all lead wool blanket products.

SPECIFICATIONS	
MATERIAL:	REINFORCED POLYVINYCHLORIDE OR SILICONE FIBERGLASS ENCASED LEAD WOOL (TYPE II, GRADE C)
SAFETY:	REFER TO SDS (SEPARATE DOCUMENT)
SITE PREPARATION:	ENSURE SURFACE IS FREE OF PROTRUSION OR SHARP AREAS. CONSIDER ALL INSTALLATION CONDITIONS
USAGE:	SECURE TO SURFACE VIA GROMMETS, MAGNETS, STRAPS, OR OTHER SPECIFIED DEVICES
GENERAL CONDITION:	• STANDARD (PVC): CLEAN, FREE FORM CRACKS AND HOLES, YELLOW IN COLOR • HIGH TEMP (SILICONE FIBERGLASS): SILICONE COATED FIBERGLASS COVER, GREY OR ORANGE IN COLOR
HANDLING:	USING PRIOR TRAINING OR A MOCK UP DEMONSTRATION IS RECCOMMENDED BEFORE INSTALLATION
SURFACE DENSITY:	• STANDARD (PVC) AND HIGH TEMP (SILICONE FIBERGLASS): 10lb/sqf (5g/cm^2) AND 15lb/sqf (6.8g/cm^2) • CUSTOM DENSITIES AVAILABLE UPON REQUEST
HANDLING:	• STANDARD (PVC): RADIOFREQUENCY (RF) SEALED • HIGH TEMP (SILICONE FIBERGLASS): SEWN
THERMAL PROPERTIES:	• STANDARD (PVC): MAX OPERATING TEMP: 150°F (65.5°C) • HIGH TEMP (SILICONE FIBERGLASS): MAX OPERTATING TEMP: 500°F (260°C) • ASTM E84: CLASS A (STANDARD LEAD WOOL BLANKETS) • NFP 92-503 ELECTRIC BURN TEST$^{(WH)}$: CLASS M1 (STANDARD LEAD WOOL BLANKETS)
LEACHABLES TEST:	(TESTING PERFORMED ON STANDARD LEAD WOOL BLANKETS) • ASTM D1179-93, FLUORIDE SELECTIVE ELETRODE: ACCEPTABLE • ASTM D512-89, CHLORIDE SELECTIVE ELETRODE: ACCEPTABLE • ASTM D1246-95, BROMIDE SELECTIVE ELETRODE: ACCEPTABLE • ASTM D516-90, $BaSO_4$ PRECIPITATION: ACCEPTABLE