

When safety & success must be **Absolutely Assured**



## LEAD BLANKETS

*Lead Wool or Lead Plate Lined*

MarShield has 35 years of experience in the manufacturing of lead radiation shielding products and can supply any configuration of lead blankets to best suit your needs. Ideal for many temporary or permanent applications within the oil and gas, uranium and medical industry.

### KEY FEATURES

- MarShield lead blankets are available with lead wool, or lead plate.
- Custom sizes are available. Blankets can be stacked together for added protection
- Lead wool allows more flexibility in handling, consisting of fine strands of lead from 0.005" to 0.015" diameter of varying length
- Lead cake is quilted to the inner cover to ensure no shifting
- Inner covers are fabricated from nuclear grade and ANI-approved material
- The periphery is glued, double-stitched and features # 5 brass grommets, spaced as required
- Lead blankets are available in vinyl laminated nylon sheeting (125oF max.) and silicon-impregnated fiberglass (500oF max.)
- Standard color of vinyl-laminated cover is yellow, white or green. Custom colors are available
- Meets or exceeds Federal Specification QQ-C-40 Type II Grade C

### BENEFITS

- Easy and cost-effective solution to reduce radiation exposure
- Lead blankets can be used for any application, including: temporary or permanent storage, covering shipments or pallets or contaminated materials and draping patients during CT scans
- Maintain a healthier and safer environment
- Custom designed and manufactured to your exact specifications
- Professional engineering and custom on-site design services available. We can work with you to design a custom solution in a virtual CAD environment



Cut away of a lead wool blanket

1.800.381.5335 | sales@marshield.com | www.marshield.com

BORATED POLYETHYLENE • HIGH DENSITY CONCRETE • LEAD BRICKS • LEAD LINED CABINETS



# LEAD BLANKETS

Lead Wool or Lead Plate Lined

DIMENSIONS* (FEET)	DENSITY (LBS/SQ. FT.)			
	10 lbs	12.5 lbs	15 lbs	15 lbs
1' x 2'	MS-LI-202	MS-LI-212	MS-LI-222	MS-LI-232
1' x 3'	MS-LI-203	MS-LI-213	MS-LI-223	MS-LI-233
1' x 4'	MS-LI-204	MS-LI-214	MS-LI-224	MS-LI-234
1' x 5'	MS-LI-205	MS-LI-215	MS-LI-225	MS-LI-235
1' x 6'	MS-LI-206	MS-LI-216	MS-LI-226	MS-LI-236

\* Dimensions indicate size of lead wool "cake." Outer border edge with grommets extends about 2 inches beyond lead on all sides. MarShield™ also supplies lead plate blankets in rectangular and Gore (tapered) shapes upon request.

LEAD WOOL DENSITY (LBS/SQ. FT.)	APPROX. FINISHED BLANKET THICKNESS	LEAD SHEET EQUIVALENT THICKNESS*	% DOSE RATE REDUCTION (60 CO.)
10 lbs	3/8"	1/8"	20%
12.5 lbs	1/2"	5/32"	23%
15 lbs	5/8"	3/16"	26%
20 lbs	3/4"	1/4"	31%

\*Where greater shielding is required, multiple blankets can be stacked to achieve a linear reduction in dose rate.

## ADDITIONAL OPTIONS

- High temperature fiberglass material is available in grey
- Anti-microbial fabrics available. Many bio-hazardous contaminants can be washed off of anti-microbial fabric within 48 hours with mild soap and water. For example: blood, urine, barium and iodine
- Available fire-retarded rating compliance to match classifications from Military to Aviation applications. Highest rated fabric performance lab tested at 3,000oF for 1 minute, with continuous operating temperature of 650oF

## ORDERING

When preparing to order, please have the following requirements available:

- Model number
- Lead equivalency/level of protection needed
- Finish - fabric/color
- Quantity

[Learn More About Lead Blankets](#)

1.800.381.5335 | sales@marshield.com | www.marshield.com

LEAD LINED STORAGE CONTAINERS • LEAD WOOL BLANKETS • NUCLEAR LEAD POURS • SILFLEX