

SHEET LEAD

Versatile, High Quality, Quick Turnaround



Mars Metal provides the highest quality sheet lead available. Sheet lead is the most malleable of common metals and can be easily shaped, formed, bent and cut to suit a variety of applications, including radiation shielding, construction, corrosion protection, movable lead screens, sound barriers and sound proofing, nuclear energy shielding, tank lining and vibration absorbing.

KEY FEATURES

- Consistent and high-density, manufactured from pure lead conforming to **ASTM B-29, B-749** and **Federal QQ-L-201F, QQ-L-171E**.
- **Resistant to corrosion** from the atmosphere, salt water and most natural chemicals.
- **Superior in shielding** rooms from radiation against x-rays and gamma radiation.
- High "limpness" (low stiffness) and high internal damping capacity allows for **excellent blockin of sound and mechanical vibration**.
- **Available in rolled or sheet form**. Smaller sizes are shipped rolled to ensure cost-effective freight.
- **Custom sizes and thicknesses available**.
- Lead buttons or discs to cover screw or nail holes available upon request.
- With **over 70 tons of sheet lead available in stock**, MarShield provides **quick turnaround** time on stocked sheet lead orders – most can be shipped same day.
- Custom **expert installation services** available.

35
Years

Of Excellence

1.800.381.5335

sales@marsmetal.com

www.marsmetal.com



Scan with your mobile/smart
phone barcode reader.

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STANDARD SHEET LEAD THICKNESSES

THICKNESS FRACTIONS	DECIMAL EQUIVALENT	MM EQUIVALENT	LBS. PER SQ. FT (APPROXIMATELY)
1/64"	.0156"	0.3969mm	1#
1/32"	.0313"	0.795mm	2#
1/24"	.042"	1.067mm	2 1/2#
3/64"	.047"	1.193mm	3#
1/16"	.0625"	1.5875mm	4#
5/64"	.078"	1.981mm	5#
3/32"	.094"	2.387mm	6#
1/8"	.125"	3.175mm	8#
5/32"	.156"	3.967mm	10#
3/16"	.1875"	4.762mm	12#
1/4"	.250"	6.35mm	16#
3/8"	.375"	9.525mm	24#
1/2"	.500"	12.7mm	30#
3/4"	.750"	19.05mm	46#
1"	1.00"	25.4mm	60#
1-1/2"	1.50"	38.1mm	90#
2"	2.00"	50.8mm	120#

Custom thicknesses available on request

NOTE: Since sheet lead has very little inherent structural strength, most applications require additional structural support of the sheet lead, or lamination to provide a more rigid building material.

ADDITIONAL OPTIONS

Available as laminated panels, adhesive-bonded to **plywood, gypsum wallboard** and other supporting materials.

Available finishing options, including custom milling, **custom machining** and cutting into any shape or part as small as 1" x 0.35".

ORDERING

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

- Sheet size;
- Thickness;
- Quantity.



Speciality Casting Division

Mars Metal



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