

NATIONAL

CUSTOM HOLLOW METAL DOORS & FRAMES

The difference is quality.



Trust Shield is the preferred choice of industry professionals for lead lined Galvanneal or DefendDoor Stainless Steel Doors & Frames for radiation containment.

Trust Shield Doors and Frames come in a variety of lead lining thicknesses from 1/32" standard to up to 1/4" or more if specified. A continuous lead sheet equal to the shielding thickness in adjacent walls covering the full width and height of the component. Top and Bottom end channels are welded in place for additional strength and stability.

Don't be misled. Substandard materials mean shorter life, poor performance, and costly downtime.

Custom Sized Lead Lined A-60 Galvanneal and 304 or 316 Type 4 Stainless Steel Doors and Frames

Doors	Any size up to 5' wide and 12' Tall	1 3/8" – 2" Thickness	(Lead min - 1/32" – Max 1/4")
Frames	Any Size up to 10' wide and 12' Tall	3" - 12" Jamb	(Lead min - 1/32" – Max 1/4")



COMMONLY FOUND IN

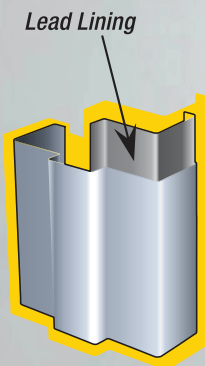
X RAY ROOMS

DENTIST'S OFFICE

POWER STATIONS

SERVER ROOMS

CLINICS



Door Hardware prepped for:

- Full Mortise Hinges
- Continuous Hinge
- Pivots
- Cylindrical Lock
- Mortise Lock
- Hospital Latch
- Lead Lined Window Kits (Glass by others)



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LEAD LINED DOORS & FRAMES

Trust Shield - Lead Lined Doors and Frames

Steel Option - A60 Galvanneal and Stainless Steel 304 or 316

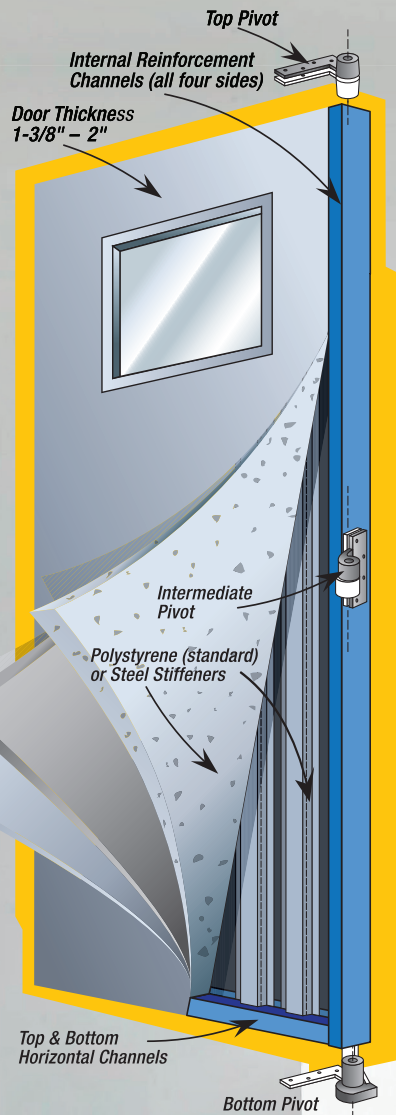
SIZE	DOOR THICKNESS	GAUGE	LEAD LINING	REINFORCED END CHANNEL
3'0" x 7'0"	1 3/4"	16, 14, or 12	1/32" - 1/4"	14 gauge
5'0" x 8'0"	1 3/8" thru 2"	16, 14, or 12	1/32" - 1/4"	14 gauge
5'0" x 12'0"	1 3/8" thru 2"	16, 14, or 12	1/32" - 1/16"	14 gauge

* Call for availability on non-standard lead and door sizes.

Important Facts

Door Cavity - insulated with energy efficient Polystyrene and or reinforced with Steel Stiffeners

Pivots - Top and Intermediate Pivots are factory drilled and tapped for accurate alignment. Bottom pivot requires supplementary adjustment and is drilled and tapped in the field by installers.



90 Min Fire Rated Lead Lined Doors

- Must be 1 3/4" thick and contain (max) 3 3/32" lead lining
- Optional window cut out and kit (max) 110 sq." vis. Glass

90 Min Fire Rated Lead Lined Frames

(in accordance with UBC-7-2-97/UL-10C Positive Pressure)

- 5'0" wide x 12'0" High Max Single
- 10'0" wide x 12'0" High Max Pair
- 8'0" wide x 10'0" High Max Double Egres
- Min Jamb 4" Max Jamb 14"
- Lead thickness allowed 1/32" up to 1/8"
- Steel Gauge 12, 14, 16
- Approved Wall Types SS, WS, Masonry

(Door shown with optional pivots)



Need a quote?
sales@nchmetal.com



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