

LEAD LINED

HOLLOW METAL DOORS & FRAMES

Lead lined, galvaneal or stainless steel doors & frames:
Doors- Any size up to 5' x 12' and 1-3/8" - 2" thick.
Frames- Any size up to 10' x 12'.

TrustShield

LEAD LINED DOORS & FRAMES



NATIONAL

CUSTOM HOLLOW METAL DOORS & FRAMES

The difference is quality.



The *Ultimate Radiation Protection*



TrustShield by National Custom Hollow Metal Doors & Frames is a high-quality, cost effective lead lined system, which is strong, energy efficient, and confines radiation within the prescribed boundaries.

HOSPITALS • MEDICAL CENTERS • PHARMACEUTICAL FACILITIES • RESEARCH LABORATORIES • EDUCATIONAL FACILITIES

LEAD LINED

www.nationalcustomhollowmetal.com

HOLLOW METAL DOORS & FRAMES

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

National Custom Hollow Metal Doors & Frames manufacture products people can trust without compromise.

TrustShield is the preferred choice of industry professionals for lead lined galvanized or DefendDoor— stainless steel, hollow metal doors and frames for radiation containment.

DefendDoor, stainless steel doors and frames are corrosion resistant and maintenance-free.



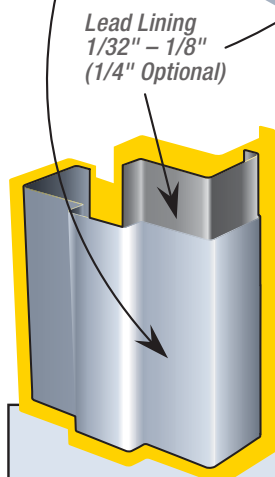
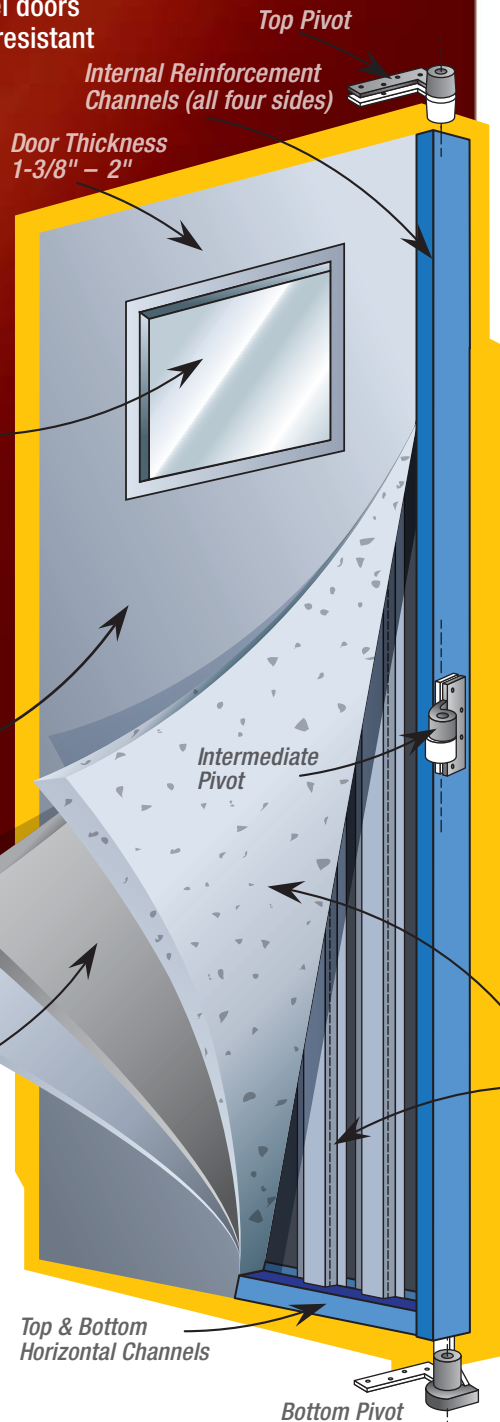
We will cut out and supply a lead lined window frame kit upon request. Glass is not supplied by NCHM.

Door Hardware Preps:

- Full Mortise Hinges
- Continuous Hinge
- Pivots
- Cylindrical Lock
- Mortise Lock
- Hospital Latch

Skin Options:

- Galvanized 16, 14, or 12 Gauge
- Stainless Steel 16, 14, or 12 Gauge



TrustShield doors and frames are available in galvanized and stainless steel construction in a variety of lining thicknesses. A continuous lead sheet, equal to the shielding thickness in adjacent walls, covers the full width and height of the component. Top and bottom channels are welded into place for additional strength and stability. Top and intermediate pivots are drilled and tapped at the factory to ensure accurate alignment when attached in the field. During installation, bottom pivot requires supplementary adjustment and must be drilled and tapped in the field by the contractor.

The cavity is insulated with high-density, energy efficient polystyrene and/or reinforced with steel stiffeners.

Standard TrustShield doors up to 5' x 8' contain a 1/8" lead lining. Doors over 5' x 8' and up to 5' x 12' contain a 1/16" lead lining. The entire perimeter of larger doors are reinforced with a continuous 14-gauge channel and/or prepared for specific hardware required for larger applications.

A Warnock Hersey (1-1/2 hour) fire-rating label is available with TrustShield doors, which are 1-3/4" thick and contain a 3/32" maximum lead lining. Upon request, a fire rated door is available with an optional window cut out and frame kit that has a maximum visibility of 100 square inches.

TrustShield frames up to 10' x 8' contain a 1/8" lead lining. Frames over 10' x 8' contain a 1/16" lead lining. 1/4" lead lining is optional.

TrustShield—Lead Lined Doors & Frames

Galvanized				
Size	Door Thickness	Gauge	Lead Lining	Reinforced Channel
Std	1-3/4"	16, 14 & 12	1/32" – 1/8"	(14 Gauge)
5' ^{up to} x 8'	1-3/8" – 2"	16, 14 & 12	Max 1/8"	(14 Gauge)
5' ^{up to} x 12'	1-3/8" – 2"	16, 14 & 12	Max 1/16"	(14 Gauge)
Stainless Steel				
Size	Door Thickness	Gauge	Lead Lining	Reinforced Channel
Std	1-3/4"	16, 14 & 12	1/32" – 1/8"	(14 Gauge)
5' ^{up to} x 8'	1-3/8" – 2"	16, 14 & 12	Max. 1/8"	(14 Gauge)
5' ^{up to} x 12'	1-3/8" – 2"	16, 14 & 12	Max. 1/16"	(14 Gauge)
			1/4" Opt.	

Get what you need, when you need it!

QuikShip: Doors in 3 weeks. Frames in 2 weeks.

Hot Rush: Doors in 5 working Days & Frames in 3.

Polystyrene (standard) or Steel Stiffeners



The difference is quality.