

DELUXE PROTECTOPANELS®



CUSTOM BUILT

ALL STEEL AND LEAD CONSTRUCTION

CUSTOM SIZE PANELS

INTERNALLY REINFORCED

CHOICE OF WINDOW SIZES

Deluxe Protectopanel® complement the finest X-Ray room furnishings and equipment. Installation is simple, clean and fast. Upon request components can be finished in primer paint only for on the job color matching. Panels are non-stock, custom built to suit each individual size requirement.

Panels are heavy gauge steel internally reinforced and sound insulated. A lead liner of 1/16" (1.55mm) minimum thickness is centered and rigidly supported between the steel bracing forming a 2" thick wall. Deluxe panels are 84" high.

A lead glass window can be factory installed in any panel of 18" or wider. Unless otherwise requested the center height of the window will be 60". Optional lead glass windows have a lead equivalency of 1.7mm.

Our engineers, aided by your drawing and specifications, will provide you with a custom designed protection barrier to accentuate the appearance and functionality of your radiology suite.

The standard panels listed below are pricing guides, for cost estimation purposes. Prices will be based on the next size up panel if an in-between size is needed.

Finish: Light gray baked enamel, or if requested, primer paint only, for you to custom finish on the job.

TO ORDER:

Provide a rough floor plan sketch including overall size, angles, location of windows and any other special requirement.

Panels are 2" thick - be sure to specify whether sizes were measured on the outside or the inside of the booth. *We will assume that outside measurements are used unless otherwise specified.*

Custom-made Deluxe Protectopanel are non-returnable.

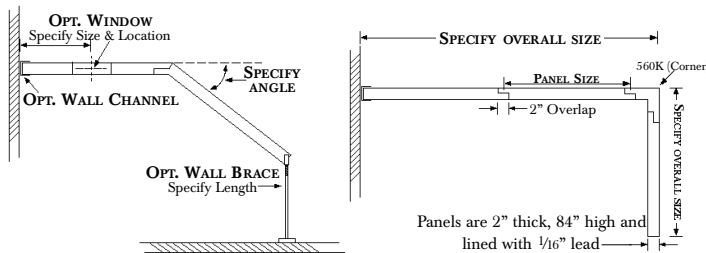
For estimating costs: add up components from the list below (use next larger size standard panel(s) for estimate.)

DELUXE PROTECTOPANELS®

DESCRIPTION	APPROX SHIP WT	CATALOG NO
6"x84" Deluxe Standard Panel	50 lbs	560P
12"x84" Deluxe Standard Panel	100 lbs	560A
18"x84" Deluxe Standard Panel	150 lbs	560B
24"x84" Deluxe Standard Panel	200 lbs	560C
30"x84" Deluxe Standard Panel	250 lbs	560D
36"x84" Deluxe Standard Panel	300 lbs	560J
Corner (any angle) Built into Panel		560K
10"x12" Lead Glass Window (installed)		560G
13"x17" Lead Glass Window (installed)		560R
12"x16" Lead Glass Window (installed)		560S
24"x36" Lead Glass Window (installed)		560T
16"x20" Lead Glass Window (installed)		560U
12"x12" Lead Glass Window (installed)		560V
Wall Channel (Unleaded)	10 lbs	560H
Wall Channel (Leaded)	15 lbs	560M
Wall Brace (Specify Length)	10 lbs	560L



Sample Construction Detail



Panel size is measured to the center of the overlap or finished end (on outside of booth).

PROVIDE A FLOOR PLAN WITH YOUR ORDER

RADIATION PROTECTION

- RIBBED CONSTRUCTION**
- DESIGN VERSATILITY**
- ECONOMICAL**
- ALL STEEL AND LEAD CONSTRUCTION**
- CHOICE OF WINDOW SIZES**

Extremely versatile design makes it possible to adapt these panels for use in virtually every X-Ray installation. These exclusive S&S Ribbed Protectopanel® offer maximum economy. The unique designs of the panels and couplings are protected by U.S. Patents.

Joints and corners are quickly made with the patented overlapping double leaded "H" connectors. Installation is easy; after the floor channels and optional wall brace (559L) are set in place the panels and couplings are inserted and the entire assembly is enclosed by the top channel. Only the floor and top channels are custom made for the job.

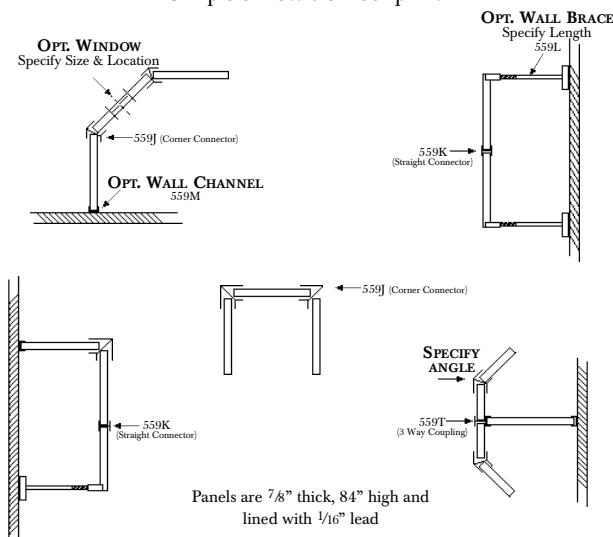
Panels are available in five different widths all 84" tall, 7/8" thick. An optional 8"x10" or 10"x12" lead glass window (1.7mm lead equivalency) is available for panels 24" or wider. The window is centered in the panel with its center 60" above the floor. A lead liner of 1/16" (1.55mm) minimum thickness is centered between the two steel walls of our unique ribbed design for strength and rigidity.

Finish: Light gray baked enamel

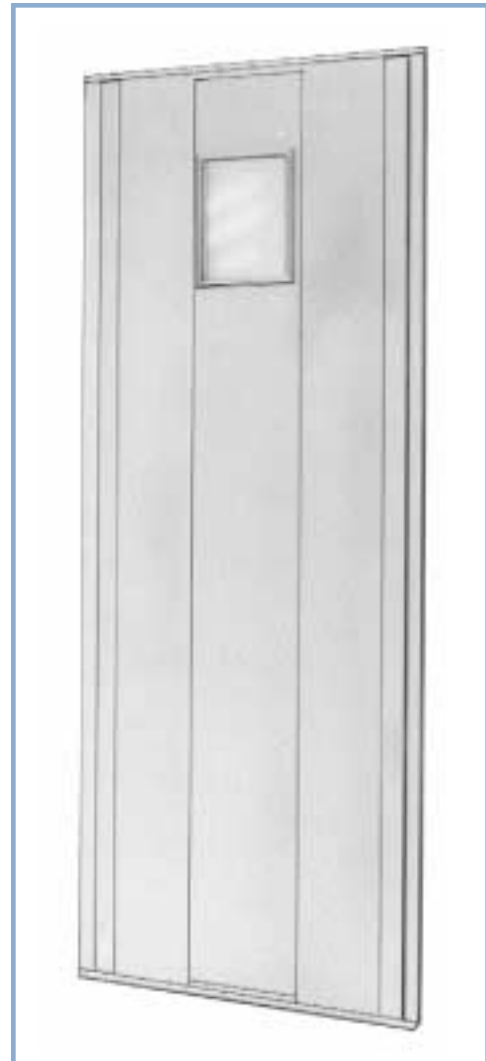
TO ORDER:

Provide a rough floor plan sketch including overall layout, location of optional window if desired, angles and sizes of panels and attach to order. *We will assume that outside measurements are used unless otherwise specified.*

Sample of Possible Floor plans



PROVIDE A FLOOR PLAN WITH YOUR ORDER



RIBBED PROTECTOPANELS®

DESCRIPTION	APPROX SHIP WT	CATALOG NO
12"x84" Ribbed Protectopanel®	75 lbs	559E
18"x84" Ribbed Protectopanel®	100 lbs	559A
24"x84" Ribbed Protectopanel®	130 lbs	559B
30"x84" Ribbed Protectopanel®	180 lbs	559C
36"x84" Ribbed Protectopanel®	205 lbs	559D
8"x10" Window (installed) - in panel 24" or wider		559G
10"x12" Window (installed) - in panel 30" or 36"		560G
Corner Connector (specify 30°, 45°, 60° or 90°)	20 lbs	559J
Straight Connector	20 lbs	559K
Wall Brace (Specify Length)	10 lbs	559L
Floor to Ceiling Support	10 lbs	559LA
Wall Channel for Ribbed Protectopanel®	10 lbs	559M
2" Leaded Wall Channel	15 lbs	559ML
3 Way "T" Coupling	20 lbs	559T

RIBBED READY MADE BOOTH



RIBBED CONSTRUCTION for strength and rigidity

BUILT IN WINDOW

CHOICE OF LEFT OR RIGHT WING

ALL STEEL, LEAD LINED

CHOICE OF SIZES

Specially designed to provide a complete control booth at an economical price, this unit includes a main panel (available in three different widths all 84" tall, and 7/8" thick) with a built in 8"x10" or 10"x12" lead glass window (1.7mm, minimum, lead equivalency), a 7" lead wing set at a 45° angle, a top channel with provision for mounting to a wall and a bottom channel.

The window is centered in the panel with its center 60" above the floor. A lead liner of 1/16" (1.55mm) minimum thickness is centered between the two steel walls of our unique ribbed design. *When ordering please specify left or right wing. Position of wing is determined from the inside of the booth.*

Finish: Light gray baked enamel

READY MADE BOOTH		APPROX	CATALOG
DESCRIPTION		SHIP WT	NO
24" Panel	8"x10"Window	185 lbs	557A
30" Panel	8"x10"Window	235 lbs	557B
36" Panel	8"x10"Window	360 lbs	557C
36" Panel	10"x12"Window	365 lbs	557C10

RIBBED MOBILE DOUBLE WING SCREEN



INCREASED PROTECTION WITH WRAP AROUND DESIGN

HEAVY DUTY BALL BEARING CASTERS

ALL STEEL, LEAD LINED RIBBED CONSTRUCTION

BUILT IN 8" x 10" LEAD GLASS WINDOW

CHOICE OF HEIGHTS

Wrap around protection is provided by two 7" wings mounted on each side of a ribbed center panel and mounted on heavy duty ball bearing casters.

The 8"x10" built in lead glass window* (1.7mm, minimum, lead equivalency) is centered in the panel with its center 60" above the floor. A lead liner of 1/16" (1.55mm) minimum thickness is centered between the two steel walls of our unique ribbed design for strength and rigidity.

* A built in 10"x12" lead glass window is available on special order. Consult factory for details.

Finish: Light gray baked enamel

MOBILE DOUBLE WING SCREEN

HEIGHT	PANEL WIDTH	OVERALL WIDTH	APPROX SHIP WT	CATALOG NO
72"	24"	38"	175 lbs	554WA
72"	30"	44"	200 lbs	554WB
72"	36"	50"	225 lbs	554WBC
84"	24"	38"	245 lbs	554WTA
84"	30"	44"	260 lbs	554WTB
84"	36"	50"	285 lbs	554WTC

RIBBED PROTECTIVE SCREENS

MOBILE, STATIONARY OR HINGED

RIBBED CONSTRUCTION for strength and rigidity

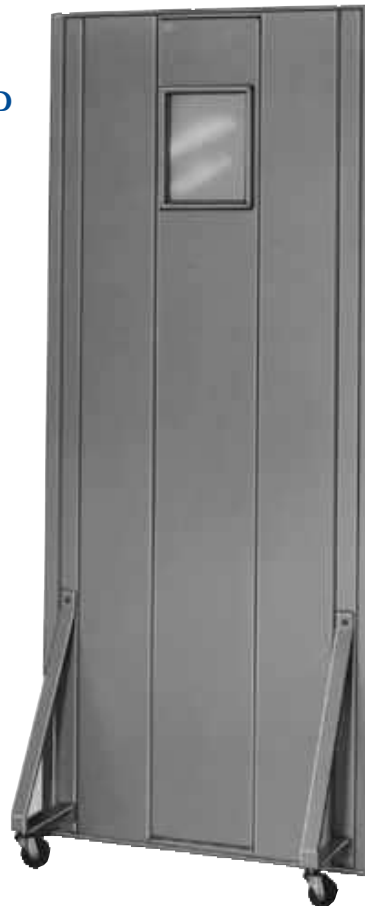
BUILT IN LEAD GLASS WINDOW

ALL STEEL, LEAD LINED

CHOICE OF SIZES



All of the screens below are constructed of our unique ribbed design for strength and rigidity. A lead liner of 1/16" (1.55mm) minimum thickness is centered between two steel walls for a total thickness of 7/8". Each screen has a built in 8"x10" or 10"x12" lead glass window (1.7mm. minimum, lead equivalency). The window is centered in the panel with its center 60" above the floor.



Mobile: Stability and ease of movement are assured by the 3/16" thick steel legs, with ball bearing casters.

Deluxe Mobile: Same as above but with window trim and all outer edge trim finished in polished stainless steel.

Stationary: For use in a fixed position. Screens are supplied with a bottom channel for fastening to the floor and a top channel with a wall mounting bracket set at 90° (unless otherwise specified).

Hinged: A unique pivot design allows the screen to swing aside when not in use. A ball bearing pivot assembly is built into the top and bottom of the screen. A 16" wall bracket retains the top pivot. The bottom pivot is fastened directly to the floor.

Finish: Light gray baked enamel

RIBBED PROTECTIVE SCREENS

SCREEN SIZE	WINDOW SIZE	APPROX SHIP WT	CATALOG NUMBERS			
			MOBILE	DELUXE	STATIONARY	HINGED
24"x72"	8"x10"	115 lbs	554N	555N	554NS	554NH
30"x72"	8"x10"	140 lbs	554	555	554S	554H
36"x72"	8"x10"	185 lbs	554A	555A	554AS	554AH
24"x84"	8"x10"	130 lbs	554G	555G	554GS	554GH
30"x84"	8"x10"	190 lbs	554B	555B	554BS	554BH
36"x84"	8"x10"	210 lbs	554J	555J	554JS	554JH
36"x72"	10"x12"	190 lbs	554A10	555A10	554AS10	554AH10
30"x84"	10"x12"	195 lbs	554B10	555B10	554BS10	554BH10
36"x84"	10"x12"	215 lbs	554J10	555J10	554JS10	554JH10

CLEAR-Pb® LEAD-PLASTIC MODULAR RADIATION BARRIERS



- UNPARALLELED, DISTORTION - FREE VISIBILITY
- MODULAR BARRIER COMPONENTS - SIMPLE, QUICK, ON-SITE INSTALLATION
- CHOICE OF LEAD EQUIVALENCY (0.3 TO 2.0 mm)
- ATTRACTIVE, SPACE-SAVING, DECORATOR LOOK
- SHATTER RESISTANCE
- WALLS ONLY 1.5" THICK
- IDEAL FOR SMALL OR LARGE FACILITIES

The versatility of Clear-Pb allows you to create panoramic viewing areas that comfort the patient and provide personnel with a clear, unobstructed view of the patient and the equipment. Made from a unique, transparent plastic that contains 30% lead by weight, it is rugged and shatter-resistant, an innovative combination of attractive, modern shielding and effective radiation protection.

Clear-Pb Lead-Plastic Modular Barriers are available in lead-equivalencies from 0.3 to 2.0mm and are fabricated from large, continuous panels up to 6' x 8' (larger sizes are available on special order). They can be easily changed, rearranged, added to or taken away from.

Enhance the appearance of an X-Ray, CT or special procedures room with these "decorator look" competitively-priced modules that are easy to handle for fast, on-site assembly and installation.

Our Clear-Pb product specialist can assist you with ideas, recommendations, floor plans, room layouts and prices.



CLEAR-Pb® MOBILE SCREENS



Smooth rolling Mobile Barriers combine unrestricted, distortion-free visibility and easy mobility in an attractive, effective radiation protection shield. Barriers are available in a variety of sizes for shielding one, two or more people. Consult factory for pricing.

MOBILE BARRIER SPECIFICATIONS

MODEL	OVERALL SIZE	WINDOW PANEL	LEAD EQUIV	OPAQUE PANEL	LEAD EQUIV	APPROX SHIP WT	CATALOG NO
Regular	72"Hx30"W	24"Hx30"W	0.5mm	48"Hx30"W	.08mm	142 lbs	SS56-603
Jumbo	75"Hx30"W	60"Hx30"W	0.5mm	12"Hx30"W	-	113 lbs	SS56-604
Deluxe	74"Hx48"W	36"Hx48"W	0.5mm	36"Hx48"W	.08mm	230 lbs	SS56-616
Deluxe	74"Hx48"W	36"Hx48"W	1.0mm	36"Hx48"W	1.5mm	312 lbs	SS56-617
Ultra	74"Hx72"W	36"Hx72"W	0.5mm	36"Hx72"W	0.8mm	334 lbs	SS56-618
Ultra	74"Hx72"W	36"Hx72"W	1.0mm	36"Hx72"W	1.5mm	409 lbs	SS56-619
Nuclear Medicine	58"Hx36"W	24"Hx36"W	.8mm	34"Hx36"W	1.5mm	170 lbs	SS56-602

HALF FILM BLOCKERS

Blockers are made from .125" thick lead vinyl material which has a lead equivalent of 1.0mm. Available in sizes to block one half of a cassette front so that two exposures can be made on a single sheet of film.

HALF FILM BLOCKER

WIDTH	HGT	APPROX. SHIP WT	CATALOG NO.
4"	10"	5 lbs	139L
5"	12"	5 lbs	140L
5.5"	14"	6 lbs	141L
7"	17"	7 lbs	142L
5"	8"	5 lbs	139C
6"	10"	5 lbs	140C
7"	11"	6 lbs	141C
8.5"	14"	8 lbs	142C

RADIATION PROTECTION



RADIATION PROTECTIVE EYEWEAR

FOR USE BY:

EYE PROTECTION FROM SCATTER RADIATION

CATHETERIZATION LAB ELECTROPHYSIOLOGY ENDOSCOPY RADIOLOGY
UROLOGIC PROCEDURES ORTHOPEDIC SURGERY VETERINARIANS



This radiation protective eyewear can effectively eliminate approximately 90% of scatter radiation danger to the eye. These high quality contemporary frames offer the best protection available while being lightweight and comfortable.

Choose a variety of styles designed to reduce the chance of radiation induced injury, while being comfortable enough to make wearing them a pleasure. Select from the variety of side shield styles for maximum protection and safety.

The lenses meet or exceed the standards for optical clarity, visible light transmission, power and prism correction.

All lenses are made from Schott RS-520 (SF-6) leaded glass - the industry standard for radiation shielding glass.

For a full brochure of all glasses offered please contact factory.

APRON AND GLOVE RACKS

Protect lead lined gloves and x-ray protective aprons from damage by using these sturdy heavy duty metal apron and glove racks.

The apron is stored on the gracefully curved front bar which is designed to eliminate the danger of cracking or tearing the apron.

Gloves are stored on steel vertical supports with phenolic balls that holds them in an upright open position to facilitate ventilation and prevent cracking of the lead material.

Finish: light gray baked enamel.



- 547 - Large Apron and Glove Rack Holds 4 Gloves and 2 aprons approx. shipping Wt. - 20 lbs.
- 548 - Apron and Glove Rack Holds 2 Gloves and 1 aprons approx. shipping Wt. - 7 lbs.

WIDTH	HGT	DEPTH	CAT. NO
27"	2"	9"	548
27"	13.5"	10.75"	547

TUF-GUARD PROTECTIVE APRONS AND SHIELDS

TESTED CERTIFIED PROTECTION REGISTERED

DURABLE CHOICE OF STYLES

S&S Tuf-Guard products consist of multilayers of lead vinyl enclosed in an outer covering of a special formulated PVC plastic, reinforced with a high strength nylon cloth. Outer edges are bound with a strong woven cotton webbing. Each roll of lead vinyl that is used in the manufacture of Tuf-Guard is tested and certified for its protective value. Tuf-Guard products are tear resistant, stain resistant, water resistant and flame resistant.

Each S&S Tuf-Guard product is designed and cut to provide ease of movement and even weight distribution. Every Tuf-Guard protective product is recorded by its own individual serial number.

Aprons are custom tailored with a choice of styles and sizes. Choice of lead protection is also available. All aprons are supplied with a breast pocket to hold pens, glasses, etc. Built in to the front of the pocket is a clear plastic name holder which allows insertion of the users name.



TUF-GUARD APRONS

VELCRO CLOSURE	LEAD	APPROX	CATALOG
SIZE	DIMENSIONS	EQUIV	SHIP WT
Petite	20"x32"	.5mm	9 lbs
Standard	24"x38"	.5mm	10 lbs
Long	24"x42"	.5mm	11 lbs
Petite	20"x32"	.25mm	7 lbs
Standard	24"x38"	.25mm	8 lbs
Long	24"x42"	.25mm	9 lbs
TIE STRAP CLOSURE			
Petite	20"x32"	.5mm	9 lbs
Standard	24"x38"	.5mm	10 lbs
Long	24"x42"	.5mm	11 lbs
Petite	20"x32"	.25mm	7 lbs
Standard	24"x38"	.25mm	8 lbs
Long	24"x42"	.25mm	9 lbs

TUF-GUARD PROTECTIVE SHIELDS

TYPE	DIM.	LEAD	APPROX	CATALOG
		EQUIV	SHIP WT	NO
Half Apron	24"x30"	.5mm	8 lbs	330300
Gonad	9"x9"x9"	.5mm	5 lbs	330310
Diaper	14"x20"	.5mm	5 lbs	330320
Thyroid	23"Long	.5mm	4 lbs	330330

ALL APRONS ARE NON-RETURNABLE

RADIATION PROTECTION