About Nuclear Shields

We manufacture and design radiation shielding and imaging solutions for medical, industrial and security use. Our 40 years of experience makes us an excellent partner for your shielding and imaging requirements.

Please don’t hesitate to visit our webshop or contact us by sending an e-mail to info@nuclear-shields.com or calling us at +31 485561140.
SHIELDED CABINETS
SHIELDED HOTLAB CABINETS

Nuclear Shields designed a modular hotlab workspace range to efficiently and flexibly utilize the workspace area. Due to the modular design of the lead lined cabinets, it is very easy to create a seamless hotlab setup and expand it at any time. The design of the shielded cabinet range is focussed on ease of decontamination, cleanliness and usability. The hidden hinges and integrated handles provide a smooth surface. The stainless steel side finishing adds additional cleanability as well. The drawers of this shielded cabinet range are smooth and easy to operate due to the integrated high quality drawer extensions.

MODULAR RANGE FEATURES
- 25 or 12.5 mm lead shielding all around
- GMP-compliant design
- Stainless steel frame, worktop and side finishing
- Easy decontamination

Shielded Cabinet (Door)
This lead lined storage cabinet with door has integrated drawer trays with spillage-prevention. These trays can be pulled out to prevent leaning in to place the materials and therefore decreasing back-tension.

Shielded Cabinet (6 Drawers)
This lead lined storage cabinet with 6 drawers is designed for safely storing radioactive materials. The drawers are easy to operate due to the integrated high quality drawer extensions.

Shielded BioSafety Cabinet
Nuclear Shields developed a shielded biological safety cabinet with 5 mm lead shielding in the workspace. The BioSafety cabinet includes shielded generator, dose calibrator and waste bin compartments.
DESCRIPTION

Modular shielded storage cabinet. The dimensions of our modular shielded cabinets are exactly the same, which means all our lead lined cabinets can be placed next to each other, enabling you to easily upgrade your hot lab setup whenever there is a budget.

The skirting board and door front are made out of HPL, which is often used in clean rooms for its easy decontamination and light weight. The frame, tabletop and side boards of the shielded radioactive sample storage cabinet are made out of stainless steel to give a clean look and provide easy cleanability. This shielded storage cabinet can be shielded with 6, 12.5 or 25 mm of lead shielding on all sides and in the front panel of the door. These cabinets can easily be connected because of its modular design.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>6 / 12.5 / 25 mm</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Stainless Steel + HPL</td>
</tr>
<tr>
<td>External Dimensions</td>
<td>730 x 555 x 996 x mm (w x d x h)</td>
</tr>
<tr>
<td>Internal Dimensions (no trays)</td>
<td>434 x 483 x 684 mm (w x d x h)</td>
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<tr>
<td>Tray dimensions</td>
<td>337 x 396 x 152 mm (w x d x h)</td>
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<td>Weight approx.</td>
<td>270 / 420 / 710 Kg</td>
</tr>
<tr>
<td>Color Coding</td>
<td>Many colors available on request</td>
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</table>
3-DRAWER STORAGE CABINET

DESCRIPTION

Modular shielded storage cabinet with three drawers. The dimensions of our modular shielded cabinets are exactly the same, which means all our lead lined cabinets can be placed next to each other, enabling you to easily upgrade your hot lab setup whenever there is a budget.

The skirting board and drawer fronts are made out of HPL, which is often used in clean rooms for its easy decontamination and light weight. The frame, tabletop and side boards of the shielded radioactive sample storage cabinet are made out of stainless steel to give a clean look and provide cleanability. This shielded radioisotope storage cabinet can be shielded with 6, 12.5 or 25 mm of lead shielding on all sides and in the front panels of the drawers. These cabinets can easily be connected because of its modular design.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>6 / 12.5 / 25 mm</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Stainless Steel + HPL</td>
</tr>
<tr>
<td>External Dimensions</td>
<td>730 x 555 x 996 x mm (w x d x h)</td>
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<tr>
<td>Internal Drawer Dimensions</td>
<td>362 x 450 x 116 mm (w x d x h)</td>
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<td>Weight approx.</td>
<td>290 / 430 / 730 Kg</td>
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<td>Color Coding</td>
<td>Many colors available on request</td>
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6-DRAWER STORAGE CABINET

DESCRIPTION

Modular shielded storage cabinet with six drawers. The dimensions of our modular shielded cabinets are exactly the same, which means all our lead lined cabinets can be placed next to each other, enabling you to easily upgrade your hot lab setup whenever there is a budget.

The skirting board and drawer fronts are made out of HPL, which is often used in clean rooms for its easy decontamination and light weight. The frame, tabletop and side boards of the shielded radioactive sample storage cabinet are made out of stainless steel to give a clean look and provide cleanability. This shielded radioisotope storage cabinet can be shielded with 6, 12.5 or 25 mm of lead shielding on all sides and in the front panels of the drawers. These cabinets can easily be connected because of its modular design.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>6 / 12.5 / 25 mm</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Stainless Steel + HPL</td>
</tr>
<tr>
<td>External Dimensions</td>
<td>730 x 555 x 996 mm (w x d x h)</td>
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<tr>
<td>Internal Drawer Dimensions</td>
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<tr>
<td>Weight approx.</td>
<td>280 / 440 / 740 Kg</td>
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<tr>
<td>Color Coding</td>
<td>Many colors available on request</td>
</tr>
</tbody>
</table>

For all your shielding projects.
DESCRIPTION

Nuclear Shields designed lead lined biological safety cabinet for preparation of radiopharmaceuticals (till 364 KeV). The shielded biological safety cabinet is completely shielded with 12.5mm (0.5”) lead for personal radiation protection. The inside of the cabinet has a stainless steel finish for easy decontamination. The Shielded safety cabinet protects personnel, products and the environment by exhausting 99.995% of the contaminated air (H14 Filter). The shielded biosafety cabinet includes a lead lined generator cabinet and a lead lined dose calibrator and waste disposal cabinet. The dose calibrator can be shielded with extra lead shielding rings to minimize background radiation. The BioSafety cabinet will be delivered according to European standard - EN 12469 / ISO 5 Air quality, CLASS 100 (FED STD 209E Equivalent).

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
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</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>12.5 mm (1/2”)</td>
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<tr>
<td>Viewing Window</td>
<td>Lead Glass 5.2 density</td>
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<tr>
<td>Finishing Material</td>
<td>Stainless Steel / HPL</td>
</tr>
<tr>
<td>Certifications &amp; Compliances</td>
<td>EN 12469 / ISO 5 Air Quality, CLASS 100 (FED STD 209E eq.)</td>
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<tr>
<td>BioSafety Cabinet Type</td>
<td>Class II, Type A2 / B2</td>
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<tr>
<td>Outside Dimensions</td>
<td>1732 x 555 x 1002 mm (h x d x w)</td>
</tr>
<tr>
<td>Inside Dimensions</td>
<td>640 x 467 x 810 mm (h x d x w)</td>
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</table>
DESCRIPTION

Nuclear Shields designed and manufactures a lead-lined biological safety cabinet type A2 with 5 mm lead shielding to protect personnel from ionizing radiation when working with radiopharmaceuticals. The workspace is shielded with 5 mm lead, but any lead thickness is available upon request. The shielded biosafety cabinet includes a lead lined generator cabinet and a lead lined dose calibrator and waste disposal cabinet. The dose calibrator can be shielded with extra lead shielding rings to minimize background radiation. More information on the shielded biological safety cabinet can be found in the product brochure found on our website.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<td>Shielding Material</td>
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<td>Shielding Thickness</td>
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<tr>
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<td>Lead Glass 5.2 density</td>
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<td>Finishing Material</td>
<td>Stainless Steel</td>
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<tr>
<td>Weight</td>
<td>1100 kg</td>
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<tr>
<td>Filtering</td>
<td>Prefiltering EF5 / Carbon Filter / HEPA Downflow + Exhaust</td>
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<tr>
<td>Certifications &amp; Compliances</td>
<td>ECGMP Grade A (class 100)</td>
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<td></td>
<td>ISO 14644-1 Certified Workspace</td>
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<tr>
<td></td>
<td>According to EN-12469; NSF49</td>
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SHIELDED WORKSTATIONS
Nuclear Shields manufactures shielded workstations for various types of operations. The cyclotron L-block station is mostly used when performing maintenance on cyclotrons. The QC L-Block workstation is mostly used when working with dose calibrators and the mobile PET workstation has been developed for small PET hotlabs to provide efficient utilization of the hotlab workspace.

**Cyclotron L-Block Station**
The Cyclotron L-Block Station is usually placed close to the cyclotron for cyclotron maintenance. The L-Block Station has 50mm leadshielding and also has a safe on the left with 50mm lead shielding.

**QC L-Block Workstation**
The QC L-Block is used when working with a dose calibrator. The Quality Control L-block station has 50mm lead shielding and is finished with stainless steel.

**Mobile PET Workstation**
The mobile PET workstation is developed for small PET hot labs. This workstation provides a space-efficient workstation with a sliding L-block shield, a shielded isotope calibrator chamber well and a shielded waste bin enclosure.
CYCLOTRON L-BLOCK STATION

DESCRIPTION
The Cyclotron L-Block Station is usually placed close to the cyclotron for cyclotron maintenance. The L-Block Station has 50mm lead shielding and also has a safe on the left with 50mm lead shielding. Next to this, the L-Block has 110mm of lead glass shielding with a density of 5.2. This cyclotron L-block workstation provides safety when performing maintenance services on your cyclotron.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
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<tr>
<td>Shielding Thickness</td>
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<tr>
<td>Viewing Window</td>
<td>Lead Glass 5.2 density</td>
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<td>Compatible with</td>
<td>Cyclotron work</td>
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<tr>
<td>Finishing Material</td>
<td>Epoxy Coated Steel</td>
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<tr>
<td>Weight</td>
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</table>
QC L-BLOCK WORKSTATION

DESCRIPTION

The QC L-Block is used to protect personnel from unwanted radiation exposure when working with the dose calibrator. The Quality Control L-block has 50mm lead shielding and is finished with stainless steel. Next to this, the QC L-Block has a integrated leadcastle (50mm) to shield the dose calibrator and the QC L-Block Station has 120mm leadglass shielding.

The QC L-Block can also be delivered with an extra shielding cave (left on the picture).

SPECIFICATIONS

<table>
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<th>Shielding Material</th>
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<td>50 mm (2”)</td>
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<td>Lead Glass 5.2 density</td>
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<tr>
<td>Finishing Material</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Weight</td>
<td>1200 kg</td>
</tr>
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</table>

For all your shielding projects.
MOBILE PET WORKSTATION

DESCRIPTION

The mobile PET workstation is developed for small PET hot labs. This workstation provides a space-efficient workstation with a sliding L-block shield, a shielded isotope calibrator chamber well and a shielded waste bin enclosure.

The mobile PET workstation has a left to right work-flow concept layout, from dose draw-up, to measuring to waste disposal.

The sliding L-block shield slides across 95% of the workstation, has 50mm lead shielding and has a stainless steel finish. The shielded waste bin enclosure and the isotope calibrator chamber well both have 50mm lead shielding to protect operators from ionizing radiation.

DIMENSIONS

- PET Workstation: 1100 x 795 x 905 mm (l x w x h)
- Sliding L-Block Shield: 450 x 1070 mm (w x h)
- Lead Glass Viewing Window: 300 x 300 x 75 mm (l x w x h)
- Isotope Calibrator Chamber Well: 200 x 200 x 400 mm (l x w x h)
- Shielded Waste Bin Enclosure: 300 x 300 x 300 mm (l x w x h)

SPECIFICATIONS

- Shielding Material: Lead
- Shielding Thickness: 50 mm (2”)
- Viewing Window: Lead Glass 5.2 density
- Finishing Material: Stainless Steel
- Weight: 1400 kg
TABLETOP L-BLOCK WORKSTATION

DESCRIPTION

Shielded tabletop workstation incl. extractable L-block shield to provide a protected work environment. This tabletop workstation is shielded with 5 mm lead, but other shielding thicknesses can always be requested. The complete outside has been finished with stainless steel to provide an easy-to-clean workspace.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
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</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>5 mm (1/5&quot;)</td>
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<tr>
<td>Viewing Window</td>
<td>Lead Glass 5.2 density</td>
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<tr>
<td>Finishing Material</td>
<td>Stainless Steel</td>
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<tr>
<td>Inside Dimensions (w x d x h)</td>
<td>574 x 374 x 293 mm</td>
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<tr>
<td>Outside Dimensions (w x d x h)</td>
<td>600 x 420 x 417 mm</td>
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<tr>
<td>Extra Functionality</td>
<td>Removable L-block shield</td>
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<td>Weight</td>
<td>60 kg</td>
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SYRINGE & VIAL SHIELDS
SYRINGE & VIAL SHIELDS

Nuclear Shields designs and manufactures syringe shields and vial shields made from lead and tungsten shielding. To offer the complete package, we manufacture accessories for the syringe and vial shields. These accessories include carriers, syringe holders, recappers, and more.

**Syringe Shields**

Our Big-Screw syringe shields are designed to be easy to use and easy to clean. Syringe shields are available for all most used syringe volumes and syringe suppliers to provide maximum compatibility.

**Vial Shields**

Our vial shields are available with different caps and shielding thicknesses. Lead glass viewing windows can be integrated to provide visibility of the vial.

**Shielded Accessories**

Shielded accessories to go along with the syringe and vial shields. These accessories include carrying devices, syringe holders, recappers and more.
**BIG-SCREW SYRINGE SHIELDS**

**DESCRIPTION**

Big-Screw tungsten syringe shields with large screw at the back to easily hold the syringe steady inside the syringe shield. The Big-Screw syringe shields are shielded with 2.1 mm tungsten and a 5.2 density lead glass viewing window. The body of the tungsten syringe shields is finished with anodized aluminum for cleanability and decontamination. The Big-Screw tungsten syringe shield is designed for 1-10 ml syringes. Please view the next page for all standard available sizes.

**SPECIFICATIONS**

- **Shielding Material**: Tungsten
- **Shielding Thickness**: 2.1 mm
- **Viewing Window**: Lead Glass 5.2 density (10 mm)
- **Compatible with Isotope**: Technetium-99m
- **Attenuation**: 99.99% for Tc-99m
- **Finishing Material**: Anodized Aluminum
- **Weight**: 120g - 250g (depends on size)
- **Color Coding**: Connected to syringe volume
## BIG-SCREW SYRINGE SHIELDS

**FOR 1 ML SYRINGES**
- **Inside dimensions** (diameter x height): 9 x 74 or 11,5 x 74 mm
- **Outside dimensions** (l x w x h): 74 x 17,4 x 24 or 74 x 19,8 x 26,5 mm
- **Lead glass dimensions** (l x w x h): 53,5 x 11,5 x 10 mm
- **Weight** (depends on chosen size): 0,13 or 0,15 Kg

**FOR 2 ML SYRINGES**
- **Inside dimensions** (diameter x height): 11,5 x 55 or 13 x 55 mm
- **Outside dimensions** (l x w x h): 55 x 19,8 x 26,5 or 55 x 21,2 x 28 mm
- **Lead glass dimensions** (l x w x h): 34,5 x 11,5 x 10 mm
- **Weight** (depends on chosen size): 0,12 or 0,13 Kg

**FOR 3 ML SYRINGES**
- **Inside dimensions** (diameter x height): 11,5 x 68 or 13 x 68 mm
- **Outside dimensions** (l x w x h): 68 x 19,8 x 26,5 or 68 x 21,2 x 28 mm
- **Lead glass dimensions** (l x w x h): 47,5 x 11,5 x 10 mm
- **Weight** (depends on chosen size): 0,14 or 0,16 Kg

**FOR 5 ML SYRINGES**
- **Inside dimensions** (diameter x height): 16 x 65 mm
- **Outside dimensions** (l x w x h): 65 x 24,1 x 31 mm
- **Lead glass dimensions** (l x w x h): 44,5 x 11,5 x 10 mm
- **Weight** (depends on chosen size): 0,18 Kg

**JR 10 ML SYRINGES**
- **Inside dimensions** (diameter x height): 16 x 82 or 18,5 x 82 mm
- **Outside dimensions** (l x w x h): 82 x 24,1 x 31 or 82 x 26,5 x 33,5 mm
- **Lead glass dimensions** (l x w x h): 61,5 x 11,5 x 10 mm
- **Weight** (depends on chosen size): 0,22 or 0,25 Kg
**TUNGSTEN SYRINGE SHIELDS WITH CLIP-LOCK**

**DESCRIPTION**

Tungsten syringe shields with a clip-lock to hold the syringe steady in place during the elution process. These tungsten syringe shields are shielded with 2.1 mm tungsten, to provide near perfect attenuation. This syringe shield offers 99.99% attenuation for Technetium-99m and can be used for all nuclear medicine isotopes, including PET. A lead glass viewing window with a density of 5.2 has been added to provide visibility of the contents of the syringe.

**SPECIFICATIONS**

- **Shielding Material**: Tungsten
- **Shielding Thickness**: 2.1 mm
- **Viewing Window**: Lead Glass 5.2 density (10 mm)
- **Compatible with Isotope**: Technetium-99m
- **Attenuation**: 99.99% for Tc-99m
- **Finishing Material**: Anodized Aluminum
- **Weight**: 120g - 250g (depending on size)
- **Color Coding**: Connected to syringe volume

For all your shielding projects.
SS2CL

CLIP-LOCK SYRINGE SHIELDS

FOR 1 ML SYRINGES
Inside dimensions (diameter x height) 9 x 74 or 11,5 x 74 mm
Outside dimensions (l x w x h) 74 x 17,4 x 24 or 74 x 19,8 x 26,5 mm
Lead glass dimensions (l x w x h) 53,5 x 11,5 x 10 mm
Weight (depends on chosen size) 0,13 or 0,15 Kg

FOR 2 ML SYRINGES
Inside dimensions (diameter x height) 11,5 x 55 or 13 x 55 mm
Outside dimensions (l x w x h) 55 x 19,8 x 26,5 or 55 x 21,2 x 28 mm
Lead glass dimensions (l x w x h) 34,5 x 11,5 x 10 mm
Weight (depends on chosen size) 0,12 or 0,13 Kg

FOR 3 ML SYRINGES
Inside dimensions (diameter x height) 11,5 x 68 or 13 x 68 mm
Outside dimensions (l x w x h) 68 x 19,8 x 26,5 or 68 x 21,2 x 28 mm
Lead glass dimensions (l x w x h) 47,5 x 11,5 x 10 mm
Weight (depends on chosen size) 0,14 or 0,16 Kg

FOR 5 ML SYRINGES
Inside dimensions (diameter x height) 16 x 65 mm
Outside dimensions (l x w x h) 65 x 24,1 x 31 mm
Lead glass dimensions (l x w x h) 44,5 x 11,5 x 10 mm
Weight (depends on chosen size) 0,18 Kg

FOR 10 ML SYRINGES
Inside dimensions (diameter x height) 16 x 82 or 18,5 x 82 mm
Outside dimensions (l x w x h) 82 x 24,1 x 31 or 82 x 26,5 x 33,5 mm
Lead glass dimensions (l x w x h) 61,5 x 11,5 x 10 mm
Weight (depends on chosen size) 0,22 or 0,25 Kg
TUNGSTEN VIAL SHIELD
WITH MAGNETIC CAP

DESCRIPTION

This tungsten vial shield can be shielded with 4 or 6 mm tungsten to provide excellent attenuation for all radioisotopes used in nuclear medicine. We have added a lead glass viewing window with a density of 5.2 to provide visibility inside the vial shield.

The top cap of this tungsten vial shield is magnetic to make the cap quick and easy to remove to expose the vial septum. The top can be twisted off to insert a vial into the vial shield. The bottom can also be twisted off for easy cleaning and decontamination.

The outer body of this tungsten vial shield has been finished with anodized aluminum to provide protection to the lead glass viewing window and add the possibility for color coding.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Tungsten</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>4 or 6 mm</td>
</tr>
<tr>
<td>Viewing Window</td>
<td>Lead Glass 5.2 density (10 mm)</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Anodized Aluminum</td>
</tr>
<tr>
<td>Weight</td>
<td>1.23Kg - 1.72Kg (depending on size)</td>
</tr>
<tr>
<td>Color Coding</td>
<td>Yellow standard, others available</td>
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</tbody>
</table>
TUNGSTEN VIAL SHIELD
WITH SLIDING CAP

DESCRIPTION

Tungsten vial shield with a sliding top cap for easy and quick exposure of the vial septum. This tungsten vial shield can be shielded with 4 or 6 mm tungsten, depending on your requirements. A lead glass viewing window with a density of 5.2 has been added to provide visibility of the vial inside the vial shield without having to take the top cap off.

The outer body of this vial shield has been finished with anodized aluminum to provide protection to the lead glass viewing window and to add the option to color code. The standard supplied color is yellow, but other colors are available upon request.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
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<tbody>
<tr>
<td>Shielding Material</td>
<td>Tungsten</td>
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<td>Shielding Thickness</td>
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<tr>
<td>Viewing Window</td>
<td>Lead Glass 5.2 density (10 mm)</td>
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<td>Finishing Material</td>
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<tr>
<td>Weight</td>
<td>1.22 Kg - 1.72 Kg (depending on size)</td>
</tr>
<tr>
<td>Color Coding</td>
<td>Yellow standard, others available</td>
</tr>
</tbody>
</table>
# Tungsten Vial Shields

## Magnetic Cap - 4 mm Tungsten
- **Inside dimensions (diameter x height):** 27 x 61 mm
- **Outside dimensions (diameter x height):** 49 x 85 mm
- **Lead glass dimensions (l x w x h):** 53 x 14 x 10 mm
- **Weight:** 1.23 Kg

## Magnetic Cap - 6 mm Tungsten
- **Inside dimensions (diameter x height):** 27 x 61 mm
- **Outside dimensions (diameter x height):** 50 x 91 mm
- **Lead glass dimensions (l x w x h):** 53 x 14 x 10 mm
- **Weight:** 1.72 Kg

## Sliding Cap - 4 mm Tungsten
- **Inside dimensions (diameter x height):** 27 x 61 mm
- **Outside dimensions (diameter x height):** 49 x 85 mm
- **Lead glass dimensions (l x w x h):** 53 x 14 x 10 mm
- **Weight:** 1.22 Kg

## Sliding Cap - 6 mm Tungsten
- **Inside dimensions (diameter x height):** 27 x 61 mm
- **Outside dimensions (diameter x height):** 50 x 91 mm
- **Lead glass dimensions (l x w x h):** 53 x 14 x 10 mm
- **Weight:** 1.72 Kg

For all your shielding projects.
Our shielded syringe carrier is designed for safe transportation of radioactive materials without any radiation leaks. This shielded syringe carrier has 3.2 mm lead shielding all around and is finished with stainless steel for easy cleaning and decontamination.

**SPECIFICATIONS**

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<td>Inside Dimensions <em>(w x d x h)</em></td>
<td>213 x 39 x 40 mm</td>
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<td>Outside Dimensions <em>(w x d x h)</em></td>
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<td>Weight</td>
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SYRINGE HOLDER + RECAPPER

DESCRIPTION

This shielded syringe holder provides protection from unshielded syringes containing radioactive materials. This syringe holder is shielded with 12.5 mm lead to provide excellent attenuation from most isotopes used in nuclear medicine. The syringe recapper is an optional feature of this shielded syringe holder. The recapper will provide protection from stick-incidents.

SPECIFICATIONS

<table>
<thead>
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<th>Shielding Material</th>
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<tr>
<td>Finishing Material</td>
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</table>
LEAD VIAL PIG

DESCRIPTION

Lead vial pig with 25 mm lead shielding to safely store and transport radioactive materials. These lead vial pigs are available in multiple lead shielding thicknesses. The outside has been finished with an epoxy coating.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>25 mm (1&quot;) - other possible on request</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Epoxy coated lead</td>
</tr>
<tr>
<td>Inside Dimensions (h x d)</td>
<td>70 x 44 mm</td>
</tr>
<tr>
<td>Outside Dimensions (h x d)</td>
<td>120 x 94 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>8.2 kg - for 25 mm</td>
</tr>
</tbody>
</table>
LEAD CONTAINER WITH CART

DESCRIPTION
Radiation Shielding Container with Cart for easy and ergonomic transport. The cart is made out of stainless steel with a swiveling handlebar and front wheel, which can be locked to prevent accidental moving of the cart. The lead container is made out of 50mm (2”) lead and has an enamel paint finish.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>50 mm (2”) - other possible on request</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Lead with enamel paint</td>
</tr>
<tr>
<td>Weight</td>
<td>60 kg - for 50 mm</td>
</tr>
<tr>
<td>Handlebar</td>
<td>Adjustable for ergonomic transport</td>
</tr>
<tr>
<td>Cart</td>
<td>Stainless steel finishing &amp; lockable</td>
</tr>
<tr>
<td>Lockable</td>
<td>Container and front wheel of cart</td>
</tr>
</tbody>
</table>
TABLETOP L-BLOCK SHIELDS
TABLETOP L-BLOCK SHIELDS

Nuclear Shields designs and manufactures lead tabletop L-block shields to protect users from unwanted doses to the body, head and neck. Our designs are available in different lead shielding thicknesses and have a stainless steel finishing to provide maximum ease-of-decontamination.

**Standard L-Block Shield**

Our standard tabletop shield designed to provide protection to the body and face. The lead glass viewing window enables the user to view the operations without receiving high doses to the eyes and neck.

**Corner L-Block Shield**

Nuclear Shields designed a corner tabletop shield to provide radiation shielding from the side, which enables the user to store radioactive materials behind the tabletop shield.

**Mobile L-Block Shield**

This L-block shield has been designed to be moved from left to right. This L-Block shield is moveable across the table top for safety and flexibility when working with radioactive materials.
TABLETOP L-BLOCK SHIELD

DESCRIPTION

Nuclear Shields designed a mobile L-Block shield with 12.5mm lead shielding and 62.5mm lead glass shielding to protect the head and torso from unwanted radiation exposure. This L-Block shield is moveable across the tabletop for safety and flexibility when working with radionuclides. This tabletop shield can also be ordered for PET use, which has 50 mm of lead shielding to provide excellent attenuation when working with PET.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>12.5 mm or 50 mm for PET</td>
</tr>
<tr>
<td>Viewing Window</td>
<td>Lead Glass 5.2 density</td>
</tr>
<tr>
<td>Compatible with Isotope</td>
<td>Tc-99m</td>
</tr>
<tr>
<td>Attenuation</td>
<td>99.99%</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Weight</td>
<td>65 kg or 230 kg for PET</td>
</tr>
<tr>
<td>Color Coding</td>
<td>N/A</td>
</tr>
</tbody>
</table>
DESCRIPTION

Nuclear Shields designed this Corner Tabletop Shield for a customer who requested a custom made shielding solution. The Corner Tabletop Shield is 350mm in height and 350mm & 450mm in width. Next to this the Corner Tabletop Shield has 3mm lead shielding to shield radiation.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>3 mm (1/8&quot;)</td>
</tr>
<tr>
<td>Viewing Window</td>
<td>Lead Glass 5.2 density</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Left Dimensions (l x h)</td>
<td>350 x 350 mm</td>
</tr>
<tr>
<td>Right Dimensions (l x h)</td>
<td>450 x 350 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>15 kg</td>
</tr>
</tbody>
</table>
SHIELDED WASTE BINS
Nuclear Shields designs and manufactures solutions for radioactive waste in the medical, nuclear and industrial market. Our current shielded waste container range is being updated at this moment. A complete range of different volume shielded waste containers with 3 mm lead shielding will be added to our product catalog soon.

**Large Mobile Waste Container**

Large shielded waste bin with strong gas springs for assistance when lifting the heavy top lid. The shielded waste container can be opened with the large hinging top lid and a smaller swivelling opening.

**Cyclotron Target Waste Castle**

Small and mobile shielded cyclotron target waste castle used when performing maintenance services on cyclotron sites.

**More coming soon!**
LARGE RADIOACTIVE WASTE BIN

DESCRIPTION

This shielded mobile radioactive waste bin is capable of safely storing radioactive materials. This waste bin is shielded with 5 mm lead, but can be lined with other lead thicknesses to your requirements. The waste can be placed into the container by using the sliding hatch on top of the lid, or fully opening the entire lid with support from the strong gas springs. The outside of this shielded waste bin is finished with stainless steel for easy cleaning.

SPECIFICATIONS

- Shielding Material: Lead
- Shielding Thickness: 5 mm (1/5”)
- Finishing Material: Stainless Steel
- Weight: Approx. 380 kg
- External Dimensions: 800 x 800 x 1000 mm (l x w x h)
- Opening Methods: Sliding hatch, Large hinge top lid
TARGET WASTE CASTLE

DESCRIPTION

The target waste castle is used to store cyclotron foils and to let these foils decay. The target waste castle has 100mm lead shielding all around.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>100 mm (4”)</td>
</tr>
<tr>
<td>Finishing Material</td>
<td>Epoxy Coated Lead</td>
</tr>
<tr>
<td>Weight</td>
<td>250 kg</td>
</tr>
</tbody>
</table>
RADIATION SHIELDING WALLS
Nuclear Shields offers many different radiation shielding methods for walls. Standard lead lined drywall and plywood panels can be ordered, but we also offer a new solution.

Adhesive lead sheets and strips are easy to apply due to their radiation resistant adhesive layer, which can be easily applied to any surface. With our adhesive lead sheets, you can even shield complex angles due to the flexibility of the sheets.

**Adhesive Lead Sheets**
New solution to quickly shield walls, panels, machinery and complex angles. The radiation resistant adhesive layer enables quick and easy application of the lead sheet.

**Lead Lined Drywalls**
Standard lead lined drywall panels that are available in different lead shielding thicknesses and dimensions.

**Lead Lined Plywood**
Standard lead lined plywood panels that can be applied in different layouts. The lead lining can be placed in the middle, the ends of the panel, or divided to create multiple shielding layers.
ADHESIVE LEAD SHEETS

DESCRIPTION

Our adhesive lead sheets and strips are easy to apply due to their radiation resistant adhesive layer, which can be easily applied to any surface. With our adhesive lead sheets, you can even shield complex angles due to the flexibility of the sheets. These adhesive sheets can be applied to standard plywood or drywall panels, or directly onto any walls that require radiation shielding. In other situations, such as complex angles and machinery that requires radiation shielding, the adhesive sheets can be applied directly to the surface.

STANDARD SIZES
OTHER SIZES AVAILABLE UPON REQUEST

<table>
<thead>
<tr>
<th>Shielding Thickness</th>
<th>0.5 / 1 / 2 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>600 x 2600 mm</td>
</tr>
<tr>
<td></td>
<td>1000 x 3000 mm</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>0.5 / 1 / 2 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>145g</td>
</tr>
<tr>
<td>Color Coding</td>
<td>N/A</td>
</tr>
</tbody>
</table>
LEAD LINED DRYWALLS

DESCRIPTION

Standard lead lined drywall panels to provide radiation protection for adjacent rooms. These panels can be ordered in different lead shielding thicknesses and dimensions. Due to the flexible production facility, these lead lined drywall panels can be delivered quickly and in any dimensions needed. Our drywall panels are UV-resistant and have a lasting flexibility. lead lined drywalls are used as wall shielding, sound isolation and radiation shielding doors.

Adhesive lead strips can be used to seal off any seems between the lead lined drywall panels to create a completely leak-free radiation shielded room.

STANDARD SIZES

OTHER SIZES AVAILABLE UPON REQUEST

<table>
<thead>
<tr>
<th>Shielding Thickness</th>
<th>0.5 - 3.0 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gypsum thickness</td>
<td>9.5 / 12.5 mm</td>
</tr>
<tr>
<td>Dimensions</td>
<td>600 x 2600 mm</td>
</tr>
<tr>
<td></td>
<td>600 x 3000 mm</td>
</tr>
</tbody>
</table>
LEAD LINED PANELS

DESCRIPTION

Standard lead lined panels that can serve multiple purposes. These lead lined panels can be used for walls, radiation shielding doors, sound isolation in machine rooms, shielding of machinery, and more. The choice of end finishing material ranges from wood to steel, making these panels very versatile. We can quickly deliver any size and composition. Since there are no rest pieces, our lead lined panels are competitively priced.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Thickness</th>
<th>1 / 2 mm lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finishing Materials</td>
<td>Plywood, Gypsum, MDF, Steel, Plastics</td>
</tr>
<tr>
<td>Standard Sizes</td>
<td>950 x 2150 mm</td>
</tr>
<tr>
<td>other sizes available upon request</td>
<td>950 x 2400 mm</td>
</tr>
<tr>
<td></td>
<td>1300 x 2150 mm</td>
</tr>
<tr>
<td></td>
<td>1300 x 2400 mm</td>
</tr>
<tr>
<td>Compositions (examples)</td>
<td>3 mm MDF / 1 mm Lead / 3 mm MDF</td>
</tr>
<tr>
<td></td>
<td>3 mm MDF / 2 mm Lead</td>
</tr>
</tbody>
</table>
X-RAY PROTECTION CLOTHING
Nuclear Shields offers the complete range in patient and personnel radiation protection. Our range includes x-ray aprons, thyroid and sternum shields, eye protection, gonad shields, and more. Our radiation protection clothing meet the new European legislation for x-ray protection clothing, ensuring you and your patient’s protection from radiation exposure. Our x-ray protection clothing is available in multiple colors and closure types. Contact us for the possibilities.

**RPP CLOTHING FEATURES:**
- According to European legislation
- Lightweight
- Comfortable
- Modern design

**X-Ray Lead Aprons**
Lead aprons designed to meet the new European legislation for radiation protection clothing. These x-ray lead aprons are comfortable and high quality, to ensure personnel and patient safety.

**Thyroid Shields**
Lightweight and comfortable thyroid shields designed to meet the European legislation requirements. Available in hook & burr closure and magnetic closure for extra convenience.

**Radiation Protection Glasses**
Sturdy, comfortable and high quality radiation protection glasses. Designed according to customer feedback, these radiation protection glasses provide excellent protection against radiation exposure.
FULL-PROTECTION APRON

DESCRIPTION

full-protection lead x-ray aprons with lead shielding in the front and back of the apron. These allround x-ray protection aprons are available with 0.35 mm or 0.50 mm lead shielding in the front and sides (always 0.25 mm lead in the back). The x-ray aprons can be easily fastened and adjusted by using the belt with buckle closure, which also helps minimize the weight pressure on your body.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Standard / lightweight lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness Front</td>
<td>0.35 / 0.50 mm</td>
</tr>
<tr>
<td>Shielding Thickness Back</td>
<td>0.25 mm</td>
</tr>
<tr>
<td>Sizes</td>
<td>XS - XXL</td>
</tr>
<tr>
<td>Color</td>
<td>Available colors can be found on page nr. 47</td>
</tr>
<tr>
<td>Options</td>
<td>Sleeves / embroidery / tailored measurements / breast pocket</td>
</tr>
</tbody>
</table>
FRONTAL PROTECTION APRON

DESCRIPTION

Frontal protection lead x-ray aprons with lead shielding in the front and side of the apron. These frontal x-ray protection aprons are available with 0.35 mm or 0.50 mm lead shielding in the front and sides (small area of the back has 0.25 mm). The x-ray aprons can be easily fastened and adjusted by using the velcro closure, which also helps minimize the weight pressure on your body by pulling up your shoulders while closing, to lift the apron off of your shoulders.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Standard / lightweight lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness Front</td>
<td>0.35 / 0.50 mm</td>
</tr>
<tr>
<td>Shielding Thickness Back</td>
<td>0.25 mm</td>
</tr>
<tr>
<td>Sizes (chart on page nr. 48)</td>
<td>XS - XXL</td>
</tr>
<tr>
<td>Color</td>
<td>Available colors can be found on page nr. 47</td>
</tr>
<tr>
<td>Options</td>
<td>Sleeves / embroidery / tailored measurements / breast pocket</td>
</tr>
</tbody>
</table>
THYROID & STERNUM SHIELD

DESCRIPTION

Due to the sensitivity of the thyroid, it is important to protect the thyroid gland during medical imaging applications. Our thyroid shields provide high quality protection from radiation exposure to the sternum and thyroid and provide a large area of protection to the neck and thyroid, while maintaining excellent comfort. Our thyroid shields come with a standard 0.5 mm lead shielding thickness and are available in various fabric colors. They are also available in two different closure types. You can choose between a standard hook and burr closure and a magnetic closure. The snap fasteners secure the attachment of the thyroid and sternum protection to our Nuclear Shields x-ray aprons.

SPECIFICATIONS

- Shielding Material: Lightweight lead
- Shielding Thickness Front: 0.50 mm
- Closure Types: Hook & burr / magnetic
- Sizes: S / M / L
- Color: Available colors can be found on page nr. 47
- Options: Hygienic cover
DESCRIPTION

It is important to protect your eyes during medical imaging applications to prevent eyesight damage. Our radiation protection glasses are shielded with 0.50 or 0.75mm lead equivalency to provide a high level x-ray absorption. The special 0.50 mmPb side shields provide extra protection to the side of the eyes.

We only use protective lenses of the best quality to guarantee optimal light transmission and lens break resistance. The design of our radiation protection glasses has been optimized be lightweight and to provide a high level of comfort. Our radiation protection glasses come standard with with anti-reflective coated lenses to ensure a high level of visibility.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>0.50 / 0.75 mm</td>
</tr>
<tr>
<td>Sizes (chart on page nr. 48)</td>
<td>S / M / L</td>
</tr>
<tr>
<td>Options</td>
<td>Single &amp; progressive lenses</td>
</tr>
</tbody>
</table>
DESCRIPTION

Lead shielded headwear to protect the cranium from radiation exposure during medical imaging applications. There is an ongoing discussion about an increased risk in the occurrence of brain tumors in medical personnel due to high dose work environments, such as interventional radiology. Our range of x-ray protective headwear will protect the cranium from radiation exposure. Our x-ray protective headwear range consists of three types: open cap, enclosed cap with an airflow strip to allow body heat to escape, and an enclosed cap without airflow strip. Our headwear is comfortable and customizable in terms of shielding thickness and cap type.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lightweight lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>0.25 / 0.35 / 0.50 mm</td>
</tr>
<tr>
<td>Sizes</td>
<td>One size fits all (adjustable)</td>
</tr>
<tr>
<td>Color</td>
<td>Available colors can be found on page nr. 47</td>
</tr>
<tr>
<td>Options</td>
<td>Airflow strip / open top / enclosed top</td>
</tr>
</tbody>
</table>
X-RAY PROTECTIVE HEADWEAR

**HPM1**
**HEAD BAND**
- Lead shielding thickness: 0.25 / 0.50 / 0.75 mm
- Color: See page nr. 47 for available colors

**HPM2**
**ENCLOSED CAP W/ AIRFLOW STRIP**
- Lead shielding thickness: 0.25 / 0.50 / 0.75 mm
- Color: See page nr. 47 for available colors

**HPM3**
**ENCLOSED CAP**
- Lead shielding thickness: 0.25 / 0.50 / 0.75 mm
- Color: See page nr. 47 for available colors
COLOR AVAILABILITIES
X-RAY PROTECTIVE CLOTHING

These colors apply to the following products:

- x-ray aprons
- thyroid shields
- headwear
## CHOOSE YOUR SIZE
### X-RAY PROTECTIVE APRONS

<table>
<thead>
<tr>
<th></th>
<th>XS</th>
<th>S</th>
<th>M</th>
<th>L</th>
<th>XL</th>
<th>XXL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LAM1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breast girth</td>
<td>≤ 84</td>
<td>85-95</td>
<td>96-106</td>
<td>107-117</td>
<td>118-128</td>
<td>129-139</td>
</tr>
<tr>
<td>Waist girth</td>
<td>≤ 98</td>
<td>99-108</td>
<td>109-119</td>
<td>120-130</td>
<td>131-141</td>
<td>142-152</td>
</tr>
<tr>
<td>Hip girth</td>
<td>≤ 98</td>
<td>99-108</td>
<td>109-119</td>
<td>120-130</td>
<td>131-141</td>
<td>142-152</td>
</tr>
<tr>
<td><strong>LAM5</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breast girth</td>
<td>≤ 84</td>
<td>85-95</td>
<td>96-106</td>
<td>107-117</td>
<td>118-128</td>
<td>129-139</td>
</tr>
<tr>
<td>Waist girth</td>
<td>≤ 91</td>
<td>92-102</td>
<td>103-112</td>
<td>113-123</td>
<td>124-134</td>
<td>135-145</td>
</tr>
<tr>
<td>Hip girth</td>
<td>≤ 91</td>
<td>92-102</td>
<td>103-112</td>
<td>113-123</td>
<td>124-134</td>
<td>135-145</td>
</tr>
</tbody>
</table>

For all your shielding projects.
MOBILE BARRIERS
MOBILE X-RAY BARRIERS

Mobile x-ray barriers for radiation protection during medical imaging operations. We offer the most versatile range of mobile x-ray barriers for all wishes. Our mobile x-ray barrier range is available in multiple designs, ranging from small lead glass viewing windows to full-screen adjustable lead acrylic viewing windows. Our mobile x-ray barriers come with 2 mm lead shielding and are finished with a full outer plastic laminate coating as per standard supply (crash-proof PVC). The rigid base offers security when using and transporting these mobile x-ray barriers.

X-RAY BARRIER FEATURES:
- Crash-proof PVC finishing
- four twin wheels on castors for safe transportation
- durable design
- sturdy frame

Small Lead Glass
Mobile x-ray barrier with lead glass viewing window and deep wheeling structure for secure moving of the x-ray barrier.

Large Lead Glass
Mobile x-ray barrier with full width lead glass viewing window for optimal vision.

Adjustable Lead Acrylic
Adjustable mobile x-ray barrier with a full width lead acrylic viewing window for optimal vision. An additional accessory rail with handlebars is included for even more ease of use.
MOBILE X-RAY BARRIER
SMALL VIEWING WINDOW

DESCRIPTION

Mobile x-ray barrier with lead glass viewing window and deep wheeling structure for secure moving of the x-ray barrier. This barrier has 2 mm lead shielding and a lead glass viewing window with 2.1 mm lead shielding equivalency. Handles and four twin wheels on castors have been added for precise movement of the x-ray barrier. Both versions come with a full outer plastic laminate coating as per standard supply (crash-proof PVC finished) on all of the four outer framing sides. The lateral PVC coating has a physical thickness of 1 mm all over. The support handles are made from aluminum and the wheel supporting frames are made from steel.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>2.0 mm</td>
</tr>
<tr>
<td>Viewing Window Size</td>
<td>40 x 30 cm or 30 x 24 cm</td>
</tr>
<tr>
<td>Viewing Window Material</td>
<td>Lead glass (2.1 mm lead eq.)</td>
</tr>
<tr>
<td>Dimensions (width x depth x height)</td>
<td>81 x 67 x 192.5 cm</td>
</tr>
<tr>
<td>Structural Weight</td>
<td>70 Kg</td>
</tr>
<tr>
<td>All Materials</td>
<td>Steel, lead, lead glass,</td>
</tr>
<tr>
<td></td>
<td>Crash-proof PVC laminate</td>
</tr>
<tr>
<td>Color</td>
<td>Yellow, green, turquoise, grey</td>
</tr>
</tbody>
</table>
MOBILE X-RAY BARRIER
LARGE VIEWING WINDOW

DESCRIPTION

Mobile x-ray barrier with full width lead glass viewing window for optimal vision. The barrier has a steel framework and is finished with a plastic laminate coating. The four twin wheels on castors and handlebars make this mobile x-ray barrier very safe when moving it around. The barrier has been shielded with 2 mm lead shielding and the lead glass viewing window has 2.1 mm lead equivalency.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Shielding Material</th>
<th>Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Thickness</td>
<td>2.0 mm</td>
</tr>
<tr>
<td>Viewing Window Size</td>
<td>80 x 60 cm</td>
</tr>
<tr>
<td>Viewing Window Material</td>
<td>Lead glass (2.1 mm lead eq.)</td>
</tr>
<tr>
<td>Dimensions (width x depth x height)</td>
<td>81 x 67 x 194 cm</td>
</tr>
<tr>
<td>Structural Weight</td>
<td>70 Kg</td>
</tr>
<tr>
<td>All Materials</td>
<td>Steel, lead, lead glass, Crash-proof PVC laminate</td>
</tr>
<tr>
<td>Color</td>
<td>Yellow, green, turquoise, grey</td>
</tr>
</tbody>
</table>
MOBILE X-RAY BARRIER
ADJUSTABLE LEAD ACRYLIC WINDOW

DESCRIPTION
Adjustable mobile x-ray barrier with a full width lead acrylic viewing window for optimal vision. The mobile x-ray barrier is equipped with four twin wheels on castors to safely move the barrier. An additional accessory rail with handlebars is included for even more ease of use. The frame, front and back panels of this adjustable mobile x-ray barrier are made from steel to provide durability and sturdiness.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shielding Material</td>
<td>Lead</td>
</tr>
<tr>
<td>Shielding Thickness</td>
<td>1.0 mm (+ 0.5 mm lead acr.)</td>
</tr>
<tr>
<td>Viewing Window Size</td>
<td>70 x 90 cm (all the way up)</td>
</tr>
<tr>
<td>Viewing Window Material</td>
<td>Lead acrylic (0.5 mm lead eq.)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>805 x 530 x 190 cm</td>
</tr>
<tr>
<td>Structural Weight</td>
<td>60 Kg</td>
</tr>
<tr>
<td>All Materials</td>
<td>Steel, lead, lead acrylic,</td>
</tr>
<tr>
<td>Color</td>
<td>White, yellow, turquoise, green</td>
</tr>
</tbody>
</table>

For all your shielding projects.