



RAYPROTEC[®]

Lead for Shielding Applications



RAYPROTEC LEAD SHEET

RAYPROTEC Lead Sheet is consistent and high in density, manufactured from soft lead and a variety of special alloys upon request. RAYPROTEC Lead Sheet is free from dross, oxide inclusions, scale, laminations, blisters, and cracks.

RAYPROTEC Lead Sheet are available in any sizes from 1/64" to 1", and are available in rolls and may be supplied flat if required. For thickness over 1", lead plate is available. Since lead plate is difficult to handle, layers of thinner sheets are often used to achieve the same shielding levels.

RAYPROTEC Lead Sheet is manufactured to a thickness tolerance that does not vary by more than +/- 5% throughout the sheet.

LEAD SHEET FOR RADIATION PROTECTION

RAYPROTEC Lead Sheet is preferred material for medical radiation shielding projects, Nuclear Power Stations and Naval applications. RAYPROTEC Lead Sheet can be found in applications such as lead lined rooms, doors, frames, mobile shielding screens, static shielding screens and protective clothing to protect medical personnel as well as the general public and the environment from potentially dangerous levels of radiation from x-rays and gamma rays and electron beams. It can also be used to stop radiation leakage from cut-outs and penetrations in lead-lined walls.

RAYPROTEC Lead and some of its alloys are generally the most cost effective radiation shielding materials to protect against the effects of gamma rays and x-rays. The properties of lead shielding which make it an excellent shielding material are its uniform density, high atomic number, high level of stability, ease of fabrication, high degree of flexibility in application, and its availability at reasonable cost.

For your need for lead for radiation shielding application, RAYPROTEC lead is a one stop provider.

Please contact [RAYPROTEC](http://www.rayprotec.com) Official Stocking Distributor





RAYPROTEC Lead Sheet caters to many applications that include:

- Radiation Shielding - Laboratories, Hospitals, Dental Offices and Veterinary Clinics,
 - Movable Lead Screens
 - Sound Barriers and Sound Proofing
 - Nuclear Energy Shielding
- Do not consider ourselves restricted to these....

Packing

Each roll of RAYPROTEC Lead Sheet is wrapped with RAYPROTEC label thick LDPE Plastic sheet to avoid any kind of transit damages.

Safe Storage

Lead is one of the heaviest metals in use in the modern world.

Care must be taken to ensure that if lead sheet is stored above ground level, the means of storage is strong enough to accept the weight of the product.

Irrespective of the method of storage, lead sheet must be kept in a dry environment until the application phase to ensure that no unsightly staining can occur if the storage area is damp.

Surface of Lead Sheet can be scored or damaged if it comes into contact with rough surfaces or sharp objects.

RAYPROTEC Lead Sheet Color Code

0.8mm	1.00mm	1.50mm
2.00mm	2.50mm	3.00mm
4.00mm	5.00mm	6.00mm

Note

The following information provided should only be used as a general guideline. There are no guarantees or warranties to its accuracies. Most states or provinces have their own local by-laws, provincial, state or federal guidelines on installation & construction practices, radiation protection and proper materials to be used. We strongly suggest that you consult with your local authorities and/or by-laws before you begin your construction project.

Safe Handling

Lead is a soft heavy metal. This brings advantages during application but caution must be exercised in handling. Lift with Proper lifting equipment - seek assistance where necessary.

Health & Safety

- Wear the appropriate protective clothing & gloves when handling Lead.
- Wash your hands and forearms as soon as you finish and before you eat or drink.

For health and safety reasons it is recommended there be no exposed lead after your installation is completed. Disposal of all scrap lead must be handled in a proper environmentally & responsible manner. Check with your local by-laws for the proper way of disposing of the remaining scrap of lead material. Installation should comply with requirements of local regulatory agencies and standards specified.

Safety Tips - when working with lead

