



Frequently Asked Questions

1. What exactly are Radiographic Intensifying Screens?

They're thin sheets of lead foil mounted on various substrates for ease of handling. One is placed on each side of an x-ray film and in close contact with it inside of a cassette or film holder before exposure. They're used in most radiographic techniques because they reduce the exposure time required and improve the quality of the image.

2. Why are Warren Screens considered to be the industry standards?

Company founder Warren Gottschalk helped pioneer the use of intensification in conjunction with x-ray film thin back in 1946. Today, the original Warren Select® entry followed by the newer Hexalon Flex® and Hexalon Ultra® products are considered industry standards for their cross-the board benefits:

- Warren's proprietary lead based alloy ensures artifact free screens
- Contains no contaminants or defects so screens are guaranteed accurate
- Superb flexibility for handling dimensional exterior/interior applications
- Cut exposure time while increasing contrast and sensitivity
- High absorption rate reduces scatter and secondary radiation
- Advanced assembly process optimizes screen service life
- Available in a range of thicknesses and sizes plus all backing options

3. What is the unique advantage of Warren Hexalon Flex®?

Unique Fiber 90 Bristol Backing developed by Warren offers higher flexibility providing a tighter radius for better film-to-screen contact.

4. What is the unique advantage of Warren Hexalon Ultra®?

Highly flexible MiraLar Backing fits ultra-tight radius for optimal film-to-screen contact.

5. What is the unique advantage of Warren Select®?

Able to choose from rubber, vinyl or Warren's proprietary Fiber 90 Bristol Backings – plus double-sided "Tween Screens" and unbacked screens all in a wide range of sizes and thicknesses.

6. What is the benefit of Warren's exclusive Enviroseal® covering?

It's an easy peel-off cover that protects from scratching and oxidizing.

7. What other products does Warren provide to the NDT Industry?

Specialty alloys and configurations; electrical, sound and x-ray shielding, specialized lead and tin foils; lead castings and metal lamination.

8. What type of customer support does Warren provide?

Warren's in-house staff of NDT professionals is available 24/7 to assist our customers in any and every way possible – from recommending the right products for specific applications to creating custom-made variations when necessary.

9. What are the major industry segments serviced by Warren?

Oil Exploration and Refining, Nuclear, Aerospace, Heavy Machinery, Shipbuilding, Bridges and General Construction.

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