



# AK NDT

## AND INDUSTRIAL SUPPLIES LLC

*PRECISION BEYOND MEASURE*

# RADIOGRAPHY ACCESSORIES

**ORDER NOW**

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🌐 [www.ak-ndt.com](http://www.ak-ndt.com)





# LEAD SCREEN

Our lead screens come with a protective peel-off plastic film, ensuring they reach you in perfect condition. Crafted on a strong, defect-free photographic base card, they're flexible and resistant to cracking, even when bent repeatedly.

- Available in two thickness options: 0.1mm and 0.125mm
- Various sizes to choose from, including the standard 12×15 inches (30×40 cm)





# LEAD MARKER

Need to label your X-ray films clearly and accurately?

These markers are designed for easy identification during exposure, helping you keep track of job numbers, segments, company names, and directions.

Available options include:

- Lead letters A to Z
- Lead numbers 0 to 9
- Four types of lead arrows
- B for backscatter
- Date, month, and year sets

Tailor your markers to your specific needs with our customization services. These markers are available in plastic packs.





# LEAD MARKER TAPE

This versatile tape is perfect for situations where applying lead characters directly onto objects is challenging.

- Available in various metric systems, including meter and foot measurements
- Spacing options of 1", 2", 1 cm, 2 cm, 5 cm, and 10 cm
- Easy to apply and ensures clear identification of pipes and vessels





# IMAGE QUALITY INDICATORS (IQIs)

- **Also Known As:** Penetrameters
- **Purpose:** Visually assess the contrast sensitivity and definition of a radiograph
- **Function:** Ensure that specified changes in material thickness are detectable and that radiographs maintain high definition, preventing density changes from being obscured by unsharpness
- **Importance:** Provide a reference point to maintain consistency and quality, ensuring defects do not go undetected







# WIRE TYPE

- **Standards:** Conform to ASTM, DIN, EN, and ISO standards
- **Materials:** Available in steel, aluminum, copper, titanium, and more
- **Manufacture and Supply:** High-quality production and reliable supply



# HOLE TYPE

- **Standards:** Conform to ASTM and EN standards
- **Materials:** Available in steel, Inconel, aluminum, copper, and more
- **Manufacture and Supply:** High-quality production and reliable supply





# HANGERS

- **Purpose:** Hold films during developing and drying processes
- **Materials:** SS 304 and SS 316
- **Sizes:** Available in various sizes
- **Designs:** Channel type and clip type configurations





# MAGNETS

- **Purpose:** Hold film and guide tubes during radiography
- **Types:** Available as both assembled and full magnets
- **Shapes:** U-shape and round shape
- **Sizes:** Available in various sizes



# PVC CASSETTE

- **Material:** PVC (Polyvinyl Chloride)
- **Function:** Used to hold film during exposure
- **Variety:** Manufactured in various sizes to meet customer needs
- **Types:** Available in Velcro and inner-outer configurations
- **Protection:** Safeguards film from damage and light exposure







# CEE VEE TONG

- **Purpose:** Used for handling isotopes and pigtails during radiography
- **Safety:** Ensures personnel safety by safely picking up radiation sources or pigtails from a distance in case of accidents
- **Lengths Available:** 1 meter, 1.5 meters, and 2 meters
- **Manufacture and Supply:** Reliable production and supply of Cee Vee Tongs





# COLLIMATORS

- **Function:** Used to narrow a beam of particles by aligning their directions of motion or reducing spatial cross-section (collimated or parallel)
- **Types:** Specialize in manufacturing both Panoramic and Directional types
- **Materials:** Available in Lead or Tungsten
- **Applications:** Designed for various types of projectors





# FILM VIEWER

- **Function:** Essential for viewing, interpreting, and analyzing high-density films
- **Light Sources:** Available with CFL (Compact Fluorescent Lamp) and LED (Light Emitting Diode) options
- **Variety:** Manufactured in various sizes to accommodate different needs
- **Importance:** Provides adequate illumination for detailed inspection of radiographic films





# RADIATION WARNING SIGN BOARDS

- **Purpose:** Alert personnel of radiography work in progress and ensure safe distances are maintained
- **Formats:** Available in flag type, stickers, and barrier tape
- **Languages:** Offered in multiple languages including English and Arabic
- **Safety:** Essential for maintaining safety protocols during radiographic activities







# DEVELOPING ACCESSORIES

## Safe Lights

- **Purpose:** Used in darkrooms to view films safely without exposure risk.

## Developing Tanks

- **Function:** Essential for holding chemicals and water during film development.
- **Materials:** Available in stainless steel and fiber.
- **Sizes:** Range from 2 to 10 gallons, catering to various processing needs.

