

# Kodak Industrex AA400

## Film

### VERSATILITY IS THE KEY.



KODAK INDUSTREX AA400 Film is extremely versatile, which makes it a great solution for many industrial applications. You can use it in multiple-film radiography and in single-film techniques—and with direct x-rays or with lead foil screens. Best of all, AA400 Film incorporates Carestream Health's patented T-GRAIN Emulsion technology.

#### The Basics

AA400 Film is an ASTM E 1815-96 Class II film that offers high speed, high contrast and gives you a fine-grain image. This film offers incredibly robust handling characteristics. It can withstand high temperatures and humidity, and it is resistant to static artifacts—so you get the image you need, whatever the conditions you're working under.

#### Recommended Uses

KODAK INDUSTREX AA400 Film is available in a wide range of sizes and packaging formats, and it's designed for applications such as:

- Aircraft inspection
- Aero-engines
- Archeological artifacts
- Assemblies
- Castings
- Concrete
- Electrical components
- Forensics
- Forestry
- Munitions, bomb disposal
- Nuclear applications
- Pipelines
- Tires
- Welded fabrication

#### Get the T-Grain Emulsion Advantages

KODAK INDUSTREX Films with T-GRAIN Emulsion offer a brand new, state-of-the-art technology that's specifically designed for industrial radiographic testing applications. What does that mean for you?

#### Outstanding Image Quality

With a cool, clean image tone and low noise, you get a sharp, clear image every time.

#### Convenient Processing Flexibility

The films work well in standard process cycles—but they're just as effective in longer or shorter process cycles.

#### Superb Durability

The films are static resistant, more heat resistant than conventional systems, incredibly sturdy, and you'll get fewer artifacts from handling.

# KODAK INDUSTREX AA400 Film

## Processing Options

AA400 Film can be processed manually or automatically in a range of processing cycles.

Notice: Observe precautionary information on product labels and Material Safety Data Sheets. Develop with rack and tank, using properly replenished solutions.

## Automatic Processing

See Carestream Health publication TI-2621, *Processing KODAK INDUSTREX Films*, for additional information on automatic processing.

## Film Characteristics (Sensitometric)

ISO/EN exposure conditions: 200/220 kV, lead screens; KODAK INDUSTREX Single Part Developer Replenisher and KODAK INDUSTREX LO Fixer and Replenisher.

KODAK INDUSTREX Processors/Cycles	Base + Fog	Contrast <sup>1</sup>
M431C—8 min 79°F (26°C)	0.20	4.7
M431C—5 min 86°F (30°C)	0.20	4.65

<sup>1</sup>Contrast calculated between net densities of 1.5 and 3.5.

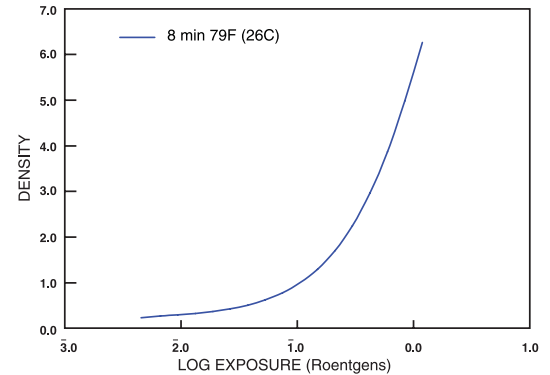
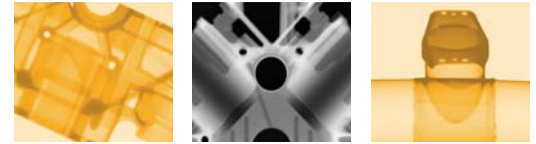
## Manual Processing

See Carestream Health publication TI-2643, *Guide to Manual Processing of KODAK INDUSTREX Films*, for additional information on manual processing.  
Develop with rack and tank, using properly replenished solutions.

Developer	Temperature	Recommended Time (Minutes)	Agitation
KODAK INDUSTREX Single Part Developer	68°F (20°C)	5	Intermittent
Replenisher	72°F (22°C)	4	(5 seconds, every 30 seconds)
	75°F (24°C)	3	
	79°F (26°C)	2	

## For More Information

To learn more about KODAK INDUSTREX AA400 Film and other Carestream Health NDT products and solutions, contact a Carestream Health representative at 877-865-6325 ext 714 or visit [www.carestreamhealth.com/go/ndt](http://www.carestreamhealth.com/go/ndt).



### Exposure:

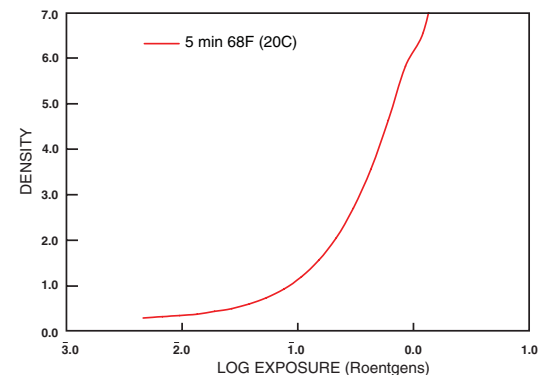
220 kV Direct X-rays with lead screens

### Processing:

KODAK INDUSTREX Processor  
KODAK INDUSTREX Chemicals

### Densitometry:

Diffuse Visual



### Exposure:

220 kV Direct X-rays with lead screens

### Processing:

Manual; KODAK INDUSTREX Single Part Developer Replenisher

### Densitometry:

Diffuse Visual

**Kodak**

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