

# FUJIFILM

**Industrial  
X-RAY FILM**

# Ecology

**FUJIFILM Industrial X-RAY FILM**

## New Technology HD Series

**HD Series are ECO-Friendly Film**  
Less Frequency of Chemical Change



### About **FUJIFILM** **Industrial X-RAY FILM**

Fujifilm industrial X-ray film feature revolutionary new film technology. The combination of the latest in emulsion making science and computerized manufacturing processes assure consistent batch to batch performance, optimum image quality and current brand tank/automatic processing conditions. The fujifilm family of films incorporate unique speed and grain technologies thus permitting their use over a wide range of applications with consistent high quality regardless of the material examined and the source of radiation employed.

## **FUJIFILM** **IX-Film HD Series Features**

- Compliant with Film System Classification in Standard (ISO11699-1, ASTM E1815)
- Brilliant Image Quality Equivalent of Current Series
- Capability of Keeping High Performance even under Aged (Exhausted) Chemical
- More Stable Density under Range of Development Time
- No "Adhesion" Trouble of Lead Screen
- High Resistance to Scratches and Cracks

## + Ecology



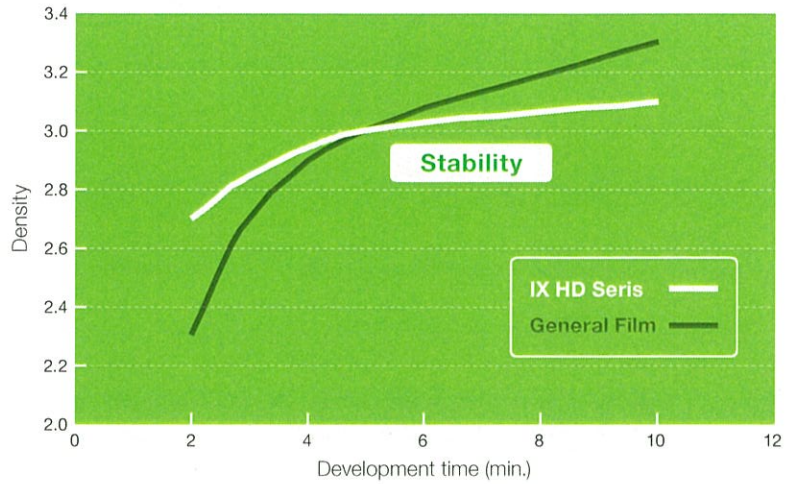
# HD Series are **ECO-Friendly Film**

Less Frequency of Chemical Change

Time dependence  
of development

More Stable Density under  
Range of Development Time

## Stability

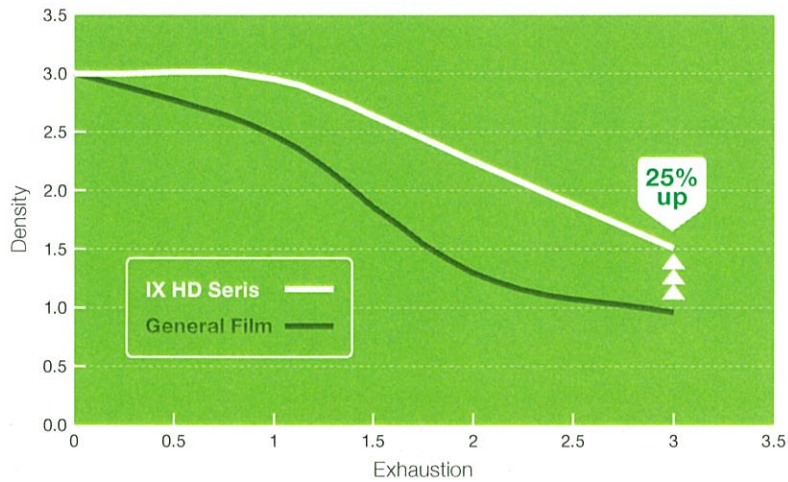


Data measured by FUJIFILM

Density change  
under exhaustion

Capability of Keeping High  
Performance even under  
Aged (Exhausted) Chemical

## 25% up



Data measured by FUJIFILM

Compliant with Film System Classification  
in Standard (ISO11699-1, ASTM E1815)

### Film System Classification

	Relative sensitivity	ASTM E1815	ISO 11699-1	Applications
IX50HD	30	I	C3	<ul style="list-style-type: none"> <li>● Electronic parts</li> <li>● Graphite epoxy composites</li> <li>● High curie isotope exposures</li> <li>● Castings: low to medium atomic number metals</li> </ul>
IX80HD	55	I	C4	<ul style="list-style-type: none"> <li>● Welds: low to medium atomic number metals</li> <li>● Castings: low to medium atomic number metals</li> <li>● Aircraft construction and maintenance</li> <li>● Graphite epoxy composites</li> </ul>
IX100HD	100	II	C5	<ul style="list-style-type: none"> <li>● Welds: medium to higher atomic number metals</li> <li>● Castings: medium to higher atomic number metals</li> <li>● Aircraft construction and maintenance</li> <li>● Ordnance inspection</li> </ul>

