

## XD Series Film Package

Various film packaging and sizes are available to provide practical solutions to respective testing conditions and components. Both dark room load films (interleaved and non-interleaved) and pre-packaged films that are suitable for daylight conditions are offered.

### Sheet Films

#### NIF Sheet

100 sheet films provided per box without interleaf paper.

#### IF Sheet

100 sheet films provided per box with interleaf paper between each film.

#### EP Sheet

50 vacuum packed sheet films provided per box. Each film is sealed in a special Envelopak holder that is impervious to water and other liquids.

#### LP Sheet

50 vacuum packed sheet films with lead sheet are provided per box. Each film is sealed in a special Envelopak holder that is impervious to water and other liquids.

### Roll Films

#### NIF Roll

Standard rolled film separately packed in a box.

#### EP Roll

Packed roll film is enclosed within Envelopak holder and can be cut to desired lengths.

#### LP Roll

Packed roll film with lead sheet is enclosed within Envelopak holder and can be cut to desired lengths.

## XD Series Film Speed Line-up

FUJIFILM'S Speed line up matches popular film speeds used in major inspection projects.

Product	ISO Speed	ISO 11699-1	ASTM E1815	JIS
IX100XD	250	C5	II	T3
IX80XD	160	C4	I	T2
IX50XD	125	C3	I	T2



# Industrial X-ray Film NEW XD Series

New industrial x-ray film developed by FUJIFILM's leading technology brings efficiency and stability to your every day inspection needs.

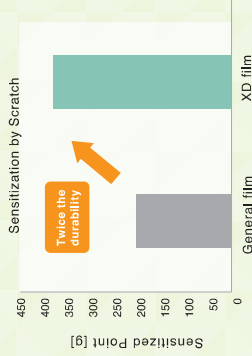


# FUJIFILM'S NEW INNOVATIVE INDUSTRIAL FILM SOLUTION FOR NDT

XD film provides excellent image quality coupled with high product stability for NDT radiographic inspections in all industry segments.

## 1 Film Preparation High Film Durability

Newly developed surface characteristics of the XD film series greatly improve susceptibility to film scratching and handling artifacts compared to general x-ray films.



### Testing method

Apply load of 200~400g to film surface using a needle with a diameter of 3mm. Expose and develop the film to achieve density 2.0, and measure the minimum load value at which sensitization occurs.

### Testing Condition

-Exposure: X-ray 200kV  
-Processing: Manual, 20°C 5minutes



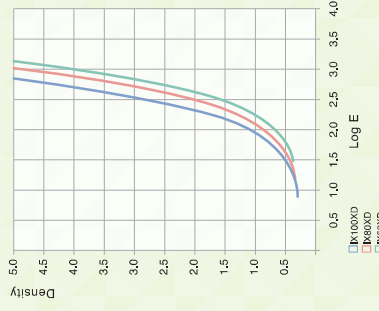
Utility for all of your inspections

## 2 Exposure High Film Speed

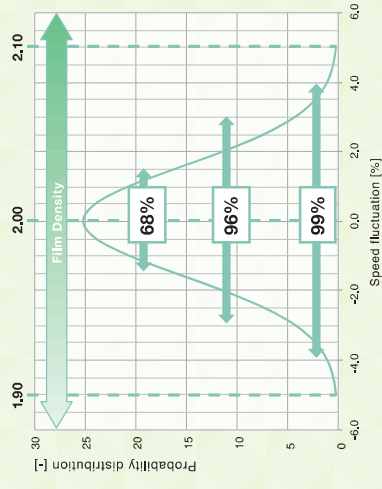
XD film speeds are comparable to other industrial films within the same classification category providing users consistent speed/density without drastic calculation changes. XD emulsion technology represents FUJIFILMS best speed performance to date. Its batch to batch speed consistency is unparalleled compared to other films.

### Characteristic Curve

Exposure: X-ray 200kV  
Screen: P4500s front and back  
Filter: Steel 3mm  
Processing: Manual 20°C 5minutes  
Developer: FUJIFILM D19



### Batch to Batch Speed Consistency



## 4 Image Check Outstanding Image Quality

XD emulsion advancements and special grain technology provide excellent image quality with pleasing color gradient, which give less eye fatigue for higher production and easier defect recognition during evaluation process.



## 3 Development Stable Density Achievement

Inspection personnel will experience very constant density performance even as chemicals become exhausted, yielding longer chemistry life than when developing other films.

### Density Achievement against Exhausted Developer

