Product Characteristics

It is a high-quality double-emulsion intraoral X-ray film of high speed (ISO class F), high contrast and fine grain, providing high image quality and outstanding detail definition. Its high sensitivity enables reducing the doses of radiation by 50 % in comparison with D-speed film and by 25 % in comparison with E-speed film. This film is intended for intraoral X-ray diagnostics only.

Film Base

Bluish 0.175 mm thick polyester provided with double-sided protective and antistatic layer which protects the film against mechanical and electrostatic damage (ESD).

Maxilla

Incisor

Molar

Premolar

Technical Properties

- complies with the worldwide tendency of Radiation Protection of Patients (RPOP) of EAIA
- extra soft plastic envelope with rounded corners envelope is disinfectable
- with common disinfectants. waterproof and light-tight
- easy opening and manipulation
- sheet of lead foil on the back side of the film (the side is marked as "back" on the packet)
- easy sides recognition provided by embossed dot in the top corner of the packet (its raised portion indicates the side facing the radiation source/front side)

Processing The film can be exposed in

Processing		
The film can be exposed in	Manual processing	Automatic processing
daylight. Exposed films can be	developing times / temperature	
processed either manually or in processors. The manual	5.0 min/20 °C (68.0 °F)	5.0 min/27 °C (80.6 °F)
processing should be carried	4.5 min/21 °C (69.8 °F) 4.0 min/22 °C (71.6 °F)	4.5 min/28 °C (82.4 °F) 4.0 min/29 °C (84.2 °F)
out in a darkroom under indirect	fixing times	1.0 11111/20 0 (01.2 1)
dark-red or olive-green safelight.	2.0 min/15 - 30°C (59 - 86 °F)	
-	-	

RECOMMENDED EXPOSURE TIMES

Adjustment: 65kV 8mA. Focus film distance = 20cm

For making children's exposures reduce the exposure time by approx, 33% For making exposures of empty spaces reduce the exposure time by approx. 25%

For the best possible results it is necessary to reflect all the changes (exposure.

Mandible

Premolar

Incisor

Molar

Exposure (s)

0.11

0.12

0.14

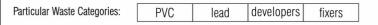
Exposure (s)

0 14

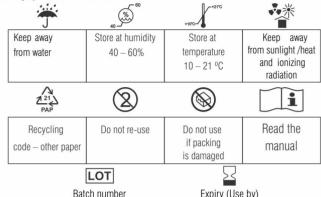
0.18

0.20

mA kV, focus film distance) in other parameters



Packing Symbols and Abbreviations:



Packed by:

Prime Dental Products Pvt Ltd

E-8, Shree Arihant Compound, Unit no. 7-10, Thane Bhiwandi Road, Village: Kalher, Taluka: Bhiwandi, Dist. Thane-421 302, MH, India.

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PRIME Dental X-Ray Film Speed F

Expiry (Use by)

Size 2 (31mm x 41mm) Extra Soft



To be used by Dentist only, Institutional pack