Product Characteristics

It is a high-quality double-emulsion intraoral X-ray film of high speed (ISO class E), high contrast and fine grain, providing high image quality and outstanding detail definition. 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).

Technical Properties

- 30 % 50 % lower X-ray dose due to shorter exposure times in comparison with D-speed film
 - complies with the worldwide tendency of Radiation Protection of Patients (RPOP) of FAIA
 - mA.kV. focus film distance) in other parameters

Maxilla

Premolar

Incisor

Molar

- 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

Drococcing		
Processing	Manual processing	Automatic processing
The film can be exposed in	developing times / temperature	
daylight. Exposed films can be processed either manually or in	5.0 min/20 °C (68.0 °F)	5.0 min/27 °C (80.6 °F)
processors. The manual	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)
processing should be carried out in a darkroom under indirect	fixing times	,
dark-red or olive-green safelight.	12 0 min/15 = 30°C (50 = 86 °E)	

RECOMMENDED EXPOSURE TIMES

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

Mandible

Premolar

Incisor

Molar

Exposure (s)

0.14

0.14

0.18

Exposure (s)

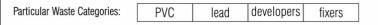
0.18

0.23

0.25

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.



Packing Symbols and Abbreviations:



Packed by:

Prime Dental Products Pvt Ltd

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Packet of 150 Films



PRIME Dental X-Ray Film Speed E

Size 2 (31mm x 41mm) Extra Soft



To be used by Dentist only, Institutional pack