

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 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)

RECOMMENDED EXPOSURE TIMES			
Adjustment: 65kV 8mA. Focus film distance = 20cm			
Maxilla	Exposure (s)	Mandible	Exposure (s)
Incisor	0.18	Incisor	0.14
Premolar	0.23	Premolar	0.14
Molar	0.25	Molar	0.18
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, mA, kV, focus film distance) in other parameters			

Processing

The film can be exposed in daylight. Exposed films can be processed either manually or in processors. The manual processing should be carried out in a darkroom under indirect dark-red or olive-green safelight.

Manual processing	Automatic processing
developing times / temperature	
5.0 min/20 °C (68.0 °F)	5.0 min/27 °C (80.6 °F)
4.5 min/21 °C (69.8 °F)	4.5 min/28 °C (82.4 °F)
4.0 min/22 °C (71.6 °F)	4.0 min/29 °C (84.2 °F)
fixing times	
2.0 min/15 - 30 °C (59 - 86 °F)	

Particular Waste Categories:

PVC

lead

developers

fixers

Packing Symbols and Abbreviations:



Keep away
from water



Store at humidity
40 – 60%



Store at
temperature
10 – 21 °C



Keep away
from sunlight /heat
and ionizing
radiation



Recycling
code – other paper



Do not re-use



Do not use
if packing
is damaged



Read the
manual

LOT

Batch number



Expiry (Use by)

Packed by:

Prime Dental Products Pvt Ltd

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

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PRIMETM
DENTAL PRODUCTS PVT LTD

Packet of 100 Films

PRIME Dental X-Ray Film
Pedo - Speed E
(20 mm x 30 mm)



To be used by Dentist only. Institutional pack