

A general description of Medical Dry Film KX410**Product Name**

Medical Dry Film KX410

Brief Introduction

This film in blue polyester film base as support, double layer and protective layer coated imaging respectively, do not contain light sensitive silver halide component. This film is digitally store after computer processing of medical imaging thermal printing, can accurately through the computer processing of all kinds of medical imaging, get rid of the traditional silver halide product show fixing bath processing program, eliminate the flushing processing waste liquid pollution to the environment. This film with the high density of small, high resolution, large fog, tonal and lively, easy to use, can be used directly to the output of the thermal printer on the market.

Principle & Intended Use Principle:

Product principle: The film output image by the thermal printer, after computer processing of medical images in digital way to output.

Intended use: The product is used for medical X-ray examination of the lesion to the human body image output carrier.

Storage:

The film should be kept in the original package and stored in dry, cool and no dust rooms without sunlight and harmful gases.

Details as follow:

- 1.The suitable temperature is 10°C-25°C, the humidity is 30%RH-65%RH, and the film should be stored far from heat source.
- 2.Stored in rooms without hydro sulfuric gas, ammonia, sulfur dioxide and formaldehyde gas, as well as developing chemicals.
- 3.Stored vertically to avoid any harmful effect caused by pressure.

Photographic properties (see table 1)

Table 1 photographic properties

items		data
Photographic properties	Fog density D_0 ≤	0.08
	Average gradient G	1.5~2.3
	Sensitivity S	15~50
	Maximum density D_{max} ≥	2.9

Classification and Conformity Assessment Procedures:

According to the Council Directive concerning medical devices(93/42/EEC), Annex IX, rule1, the classification is I . According to the Process for Making choice of the Classification and the Conformity assessment procedures(Q/YL209.07), we select the annex VII for quality certification.