AGFA
RADIOLOGX
SOLUTIONS

Hardcopy systems

# DRYSTAR DT 2 B

DRYSTAR DT 2 is Agfa's second-generation direct digital greyscale medium. DRYSTAR DT 2 offers high contrast, high density and higher throughput for DRYSTAR 5503, DRYSTAR 5302 and DRYSTAR AXYS imagers, producing excellent quality hardcopies.

Datasheet

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- Second-generation, higher-throughput, dry processing greyscale medium
- Specially designed for DRYSTAR 5503, DRYSTAR 5302 and DRYSTAR AXYS imagers
- Clear and sharp images
- Excellent image stability
- Secure archiving for a minimum of 15 years

## Easy handling for convenient radiology exams

Agfa has put several years of experience with Direct Digital printing into designing the DRYSTAR 5x0x and DRYSTAR AXYS imagers, in order to produce the high diagnostic quality greyscale hardcopies. To support these top-of-the-line imagers, a special medium, DRYSTAR DT 2, was developed. It is capable of coping with the higher throughput of the advanced imagers.

Agfa's leading-edge Direct Digital dry imaging technology produces greyscale hardcopies with high Dmax and contrast. It gives the same clear, high-quality results as wet laser film, but offers all the advantages of dry technology. Superb quality images are generated more quickly and more conveniently.


## Ecological technology in an easy-to-use system

The Direct Digital dry imaging technology provides easy and convenient use. The heat-sensitive characteristics of DRYSTAR DT 2 make daylight loading effortless. Image processing is more efficient and cost-effective. The DRYSTAR DT 2 packaging is fully recyclable and, combined with the elimination of processing chemicals, provides a more environmentally friendly solution.


## Consistently clear and sharp images

DRYSTAR DT 2 is built on a 168µm-thick PET base, coated with silver salts and covered with a protective top layer for resistance to scratches and moisture. The PET base has rounded corners, to allow the medium to be handled in the same way as regular X-ray film. The silver-based imaging layer is heat-sensitive rather than light-sensitive, providing low fog and high contrast, combined with excellent image stability.

# Technical Specifications

## Usage

For medical printing of greyscale images on 168µm PET Blue base
Maximum optical density: ≥ 3.1
Fully recyclable packaging
Daylight loading

## Dedicated imagers

DRYSTAR 5503
DRYSTAR 5302
DRYSTAR AXYS

## Available sizes

DRYSTAR 5503,:
- 20 x 25 cm (8 x 10”),
- 25 x 30 cm (10 x 12”),
- 28 x 35 cm (11 x 14”),
- 35 x 35 cm (14 x 14”),
- 35 x 43 cm (14 x 17”)

DRYSTAR 5302:
- 20 x 25 cm (8 x 10”)
- 25 x 30 cm (10 x 12”)
- 28 x 35 cm (11 x 14”)
- 35 x 35 cm (14 x 14”)
- 35 x 43 cm (14 x 17”)

DRYSTAR AXYS:
- 20 x 25 cm (8 x 10”)
- 25 x 30 cm (10 x 12”)
- 28 x 35 cm (11 x 14”)
- 35 x 35 cm (14 x 14”)
- 35 x 43 cm (14 x 17”)

## Storage

100 sheets per box
Shelf life: 36 months after manufacturing date
Storage before use:
- Temperature between 4 to 25 °C

Storage after printing:
- Archiving facility complies with ISO 18911:2010 and ISO 18919:1999, extended term
- Storage minimum 15 years
- Recommendations & Carriage to avoid image loss or increased density or discoloration:
  - avoid storage for a long period of time at > 35 °C
  - avoid dry media on view boxes for a long period of time
  - avoid exposure to excessive high temperatures and intense light, store the images in the original packaging or other appropriate protective film envelopes at max. 25 °C

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