

DATA SHEET 12534.115.31600

Folacoat Basic

The translucent Folacoat Basic was developed for the use with water-based and UV coatings. The uniform thickness profile of coating plate achieves a good coating transfer even at highest printing speeds. A single-layer polyester film is used as carrier material, which provides the necessary dimensional stability.

The red-translucent polymer layer can be cut easily by hand or with a CAD-cutting system. The applied cuts are clearly visible and the unwanted polymer areas can be lifted easily. The Folacoat Basic is currently used for medium to large production runs. Additionally it will be even used in H-UV applications.

The Folacoat Basic coating plate is now also available in roll-length 30m and 40m.

Please click [here](#) to find useful handling recommendation and interesting product introduction by video.

Formats

Art.Number	Nominal thickness (inch)	Nominal thickness (mm)
12534.115.99900	.045	1.15
12534.135.99900	.053	1.35

Rolls

Art.Number	Width (mm)	Length (m)	Nominal thickness (inch)	Nominal thickness (mm)
12534.115.30800	800	20	.045	1.15
12534.115.31080	1080	20	.045	1.15
12534.115.31280	1280	20	.045	1.15
12534.115.31600	1600	20	.045	1.15
12534.115.20800	800	40	.045	1.15
12534.115.21080	1080	40	.045	1.15
12534.115.21280	1280	20	.045	1.15
12534.115.31600	1600	20	.045	1.15
12534.135.30800	800	15	.053	1.35

12534.135.31080	1080	15	.053	1.35
12534.135.31280	1280	15	.053	1.35
12534.135.31600	1600	15	.053	1.35
12534.135.20800	800	30	.053	1.35
12534.135.21080	1080	30	.053	1.35
12534.135.21280	1280	30	.053	1.35
12534.135.21600	1600	30	.053	1.35

Technical data

Characteristic



- Recommended for direct coating
- Suitable for aqueous coating
- Suitable for UV coating
- manual cutting possible
- Ideal for CAD cutting systems
- Polyester-basis/ -carrier
- Cut visualization
- Transparent

Specifications

Thickness of polymer layer	0.80 mm (.0315")
Thickness of carrier	0.35 mm (.0138")
Tolerance of thickness	+/- 0.05 mm (.002")
Type of coating transfer	direct coating
Plate hardness	88 Shore A
Nominal thickness (inch)	.045
Nominal thickness (mm)	1.15
Hardness of polymer (DIN 53505)	81 Shore A
Base Material	Polyester

Handling

NOMINAL THICKNESS 1.15mm: Recommended cutting depth: about 0.87 mm (.034"). Please adjust the cutting depth that the blade slightly scores into the Polyester carrier. This ensures best stripping results. Scoring to deep into the Polyester carrier will limit

the service life of the plate. A constant cutting depth will be recommended. If polymer has not been cut entirely unwanted polymer lifting could happen.

Product liability clause

The foregoing information and any consulting provided by us in terms of application engineering shall be given to our best knowledge, but shall not be considered binding information neither with regard to any third party industrial property rights. Any such consulting shall not relieve you from your own review of our current consulting information as to their suitability for the intended procedures and applications. These shall be beyond our control, and be subject to your exclusive responsibility. The sale of our products shall be subject to our current General Terms and Conditions.



FOLACOAT BASIC 1.15
(.045")

Polymer | 0.80 mm (.0315")



Polyester Film | 0.35 mm (.0138")
(Carrier Material)

FOLACOAT BASIC 1.35
(.053")

Polymer | 0.97 mm (.038")



Polyester Film | 0.35 mm (.0138")
(Carrier Material)