

DATA SHEET 12559.115.99900

Folacoat Extreme

Folacoat Extreme is the logical advanced development of the globally accepted Folacoat Plus.

Our Folacoat Extreme is particularly capable of meeting today's higher demands on print run stability when using UV coatings. In addition, it is the perfect transfer medium for H-UV or LED-UV applications.

The two-layer polyester carrier permits very long runs and reduces the risk of rupturing of the carrier, particularly in the event of manual cutting. The slipping film additionally applied enables coating plates to be produced on a cutting plotter without difficulty, providing cut visualisation at the same time. As a result, all zones to be stripped are easily identifiable.

The Folacoat Extreme 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)
12559.115.99900	.045	1.15
12559.135.99900	.053	1.35

Rolls

Art.Number	Width (mm)	Length (m)	Nominal thickness (inch)	Nominal thickness (mm)
12559.115.30800	800	20	.045	1.15
12559.115.31080	1080	20	.045	1.15
12559.115.31280	1280	20	.045	1.15
12559.115.31600	1600	20	.045	1.15
12559.115.20800	800	40	.045	1.15
12559.115.21080	1080	40	.045	1.15

12559.115.21280	1280	40	.045	1.15
12559.115.21600	1600	40	.045	1.15
12559.135.30800	800	15	.053	1.35
12559.135.31080	1080	15	.053	1.35
12559.135.31280	1280	15	.053	1.35
12559.135.31600	1600	15	.053	1.35
12559.135.20800	800	30	.053	1.35
12559.135.21080	1080	30	.053	1.35
12559.135.21280	1280	30	.053	1.35
12559.135.31600	1600	30	.053	1.35

Technical data

Characteristic



- Best solution in H-UV application
- Recommended for direct coating
- Suitable for aqueous coating
- Suitable for UV coating
- Slipping film / protection film
- Ideal for CAD cutting systems
- Polyester-basis/ -carrier
- Cutting protection (double layer)
- Cut visualization

Specifications

Thickness of polymer layer	0.75 mm (.0295")
Thickness of carrier material	0.39 mm (.0154")
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
Surface treatment	Slipping film/Protection film
Hardness of polymer (DIN 53505)	83 Shore A

Base Material

Polyester / Polyester

Compatibility

- Best solution in H-UV and LED-UV applications.
- Suitable for aqueous and UV coatings. Increased resistance against UV coatings and cleaning agents

Handling

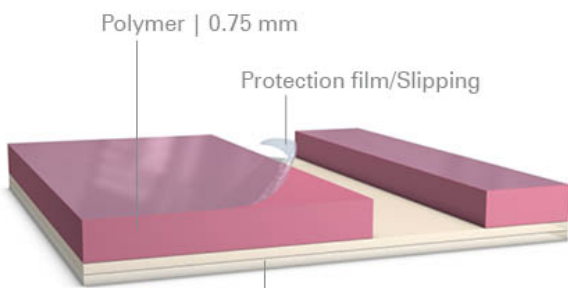
NOMINAL THICKNESS 1.35 mm: Recommended cutting depth about 0.85 mm (.0335"). If you like to remove the slipping film before cutting, reduce depth by 0.05 mm (.002"). The polyester film in the middle helps to avoid deformations of the carrier-film below. A thin white line on the reverse side of the plate indicates that the cut went through the entire polymer and scored slightly into the polyester ensuring the correct cutting depth has been reached. This now means the correct stripping performance will be obtained without the partial lifting of the remaining polymer areas.

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.

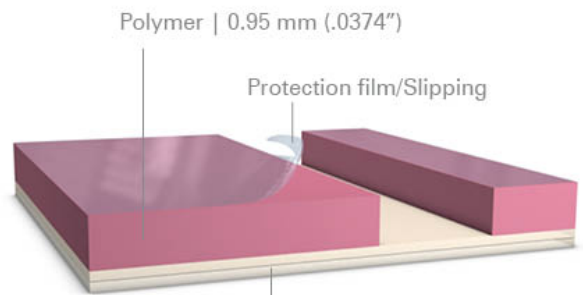


FOLACOAT EXTREME PET
1.15 (.045")



Polymer | 0.75 mm
Protection film/Slipping
Polyester Film/Polyester Film | 0.40 mm (.0154")
(Carrier Material)

FOLACOAT EXTREME PET
1.35 (.053")



Polymer | 0.95 mm (.0374")
Protection film/Slipping
Polyester Film/Polyester Film | 0.40 mm (.0154")
(Carrier Material)