

DATA SHEET 12539.115.99900

## Folacoat Diamond

UV-High Gloss or Matt coatings comply with the requirements of modern Printing Companies in the Commercial as well as Packaging sector and require specialized coating plates.

The Folacoat Diamond has a soft top polymer with excellent surface characteristics for excellent UV-coating transfer. The coating plate can be quickly and easily stripped and ensures a long service life. Additionally excellent coating results with water-based coatings can be achieved.

This coating plate is protected by a protective film as well, which still provides a good visualization of the cut.

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

### Formats

Art.Number	Nominal thickness (inch)	Nominal thickness (mm)
12539.115.99900	.045	1.15
12539.135.99900	.053	1.35

### Rolls

Art.Number	Width (mm)	Length (mm)	Nominal thickness (inch)	Nominal thickness (mm)
12539.115.11080	1080	50	.045	1.15
12539.115.11280	1280	50	.045	1.15
12539.135.11080	1080	50	.053	1.35
12539.135.11280	1280	50	.053	1.35

## Technical data

### Characteristic



- Suitable for aqueous coating
- Suitable for UV coating
- High Gloss Effect
- Very good register stability even with long runs
- Soft Polymer layer

### Specifications

Thickness of polymer layer	0.79 mm (.0311")
Thickness of carrier	0.35 mm (.0138")
Tolerance of thickness	+/-0.05 mm (.002")
Type of coating transfer	direct coating
Plate hardness	83 Shore A
Nominal thickness (inch)	.045
Nominal thickness (mm)	1.15
Surface treatment	Slipping film/Protection film
Hardness of polymer (DIN 53505)	73 Shore A
Base Material	Polyester

### Handling

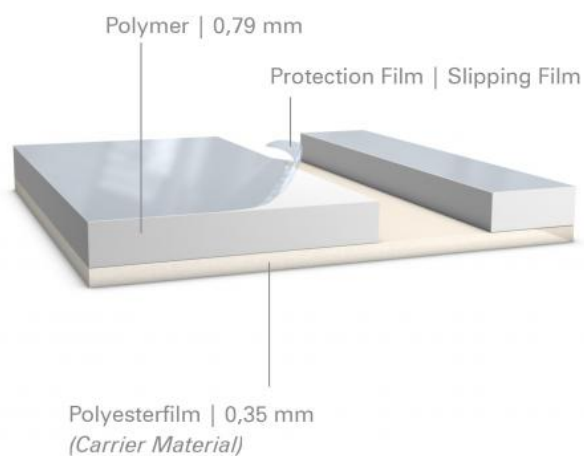
NOMINAL THICKNESS 1.35 mm: Recommended cutting depth: exactly 0.87 mm (.0343"). If you like to remove the slipping film before cutting, reduce depth by 0.05 mm (.002"). The white polymer should be cut through, without cutting into the polyester carrier deeper than 20 µm (.0008"). Deeper cuts will reduce stability and must be avoided. If manual cuts are carried out, it should be ensured that an even ideal cutting depth is maintained to prevent unnecessary scoring of the polyester film.

### 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. It is the users responsibility to determine the suitability for his/her own use and application and test through the complete production process to ensure the product is fully suitable for the intended use, since conditions of use are beyond our control. The sale of our products shall be subject to our current General Terms and Conditions. We reserve the right to make changes that serve to improve the product.



### FOLACOAT DIAMOND 1.15 (.045")



### FOLACOAT DIAMOND 1.35 (.053")

