

DATA SHEET 12559.135.30800

## 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      | 0.95 mm (.0374")              |
| 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)        | .053                          |
| Nominal thickness (mm)          | 1.35                          |
| Surface treatment               | Slipping film/Protection film |
| Hardness of polymer (DIN 53505) | 83 Shore A                    |
| Base Material                   | Polyester/Polyester           |

## Compatibility

## Handling

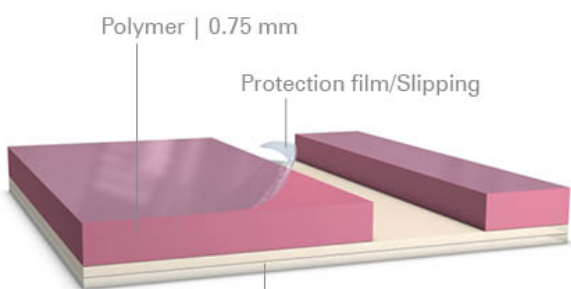
NOMINAL THICKNESS 1.35 mm: Recommended cutting depth: about 1.05 mm (.041"). If you like to remove the slipping film before cutting, reduce depth by 0.05 mm (.002"). The polyester film in the middle helps to avoid deformations of the carrier-film below. A thin white line on the reverse side of the plate 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. 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.

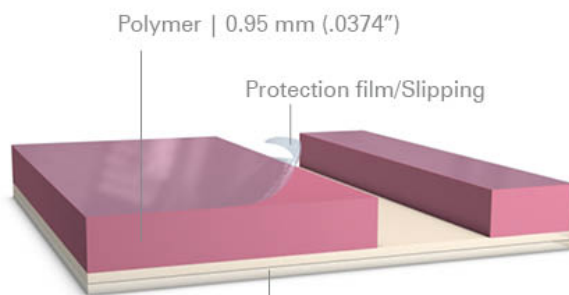


FOLACOAT EXTREME PET  
1.15 (.045")



Polyester Film/Polyester Film | 0.40 mm (.0154")  
(Carrier Material)

FOLACOAT EXTREME PET  
1.35 (.053")



Polyester Film/Polyester Film | 0.40 mm (.0154")  
(Carrier Material)