

DATA SHEET 12543.115.99900

Folacoat Flex

The Folacoat Flex is a compressible coating plate in the 1.15 and 1.35 mm thickness and can ensure best coating coverage of the sheet, even on critical substrates (recycled cardboard). The compound of the pink polymer and the compressible layer transfer the water-based coating in an optimal manner. The compressible layer improves the runnability of coating plate in the printing process and improves the coating transfer.

The single-layer polyester carrier provides the necessary dimension stability and allows the multiple use. This plate can be cut manually by hand or with a CAD cutting system.

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

Formats

| Art.Number | Nominal thickness (inch) | Nominal thickness (mm) |
|-----------------|--------------------------|------------------------|
| 12543.115.99900 | .045 | 1.15 |
| 12543.135.99900 | .053 | 1.35 |

Rolls

| Art.Number | Width (mm) | Length (m) | Nominal thickness (inch) | Nominal thickness (mm) |
|-----------------|------------|------------|--------------------------|------------------------|
| 12543.115.19900 | 1280 | 20 | .045 | 1.15 |
| 12543.135.19900 | 1280 | 15 | .053 | 1.35 |

Technical data

Characteristic



- Recommended for direct coating
- Suitable for aqueous coating
- Ideal for CAD cutting systems
- Compressible foam
- Polyester-basis/ -carrier

Specifications

| | |
|---------------------------------|---------------------|
| Thickness of polymer layer | 0.55 mm (.0217") |
| Thickness of foam | 0.44 mm (.0173") |
| Thickness of carrier | 0.19 mm (.0075") |
| Tolerance of thickness | +/- 0.05 mm (.002") |
| Type of coating transfer | direct coating |
| Plate hardness | 75 Shore A |
| Nominal thickness (inch) | .045 |
| Nominal thickness (mm) | 1.15 |
| Hardness of polymer (DIN 53505) | 83 Shore A |
| Base Material | Polyester |

Compatibility

Handling

NOMINAL THICKNESS 1.15 mm: Recommended cutting depth: about 0.70 mm (.0276"). Please pay attention to cut only in the pink polymer and the foam. Deeper cuts will reduce stability and must be avoided. If you can see white cutting lines on the backside of the coating plate the carrier was scored. If this happened please do not use this coating plate, because it may break in the press.

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 FLEX 1.35 (.053")

