

STRIP PLATE POLARFLEX

TECHNICAL DATA SHEET

SPOT COATING PLATE FOR PARTIAL COATING FOR OFFSET PRINTING MACHINES.

A specialized plate designed for selective or spot coating & full coating applications enabling precise & even layer of coating

Features:

- **Hydrophilic thermoplastic stripping layer**
 - Low ink build-up on coating transfer areas
 - Low cleaning agent consumption, easy and quick to clean
- **Deep relief (0.80 | 1.00 mm) - Perfectly transfers coating to any shape**
- **Special stripping layer - Helps quick and easy release**
- **Highly stable polyester carrier (0.35 mm)**
 - Register is not pushed out of place during clamping and production
 - Can be reused many times for repeat orders
 - 2-ply polyester that prevents the carrier from breaking

COATING PLATES

Sheet-Fed



Varnish
Full | Spot



Varnish Type
Aqueous | UV
100%* | 40%*



STRUCTURE

Carrier:	Polyester 0.35 mm
Top:	100% pure PVC
Colour:	Light blue
Roughness (Ra):	0.8 - 1.2 μ m
Microhardness:	67° Shore A

PHYSICAL PROPERTIES

Total hardness	73° Shore A
Tensile strength	> 2700 N/50 mm
Elongation at 500 N/50 mm	< 0.5%
Loss of thickness during clamping and shrinkage	< 1%

STRIPPING PROPERTIES

Relief depth	0.80 1.00 mm
Separating force	3.75 N/cm (\pm 1.25)
Nominal thickness	1.15 1.35 (\pm 0.05 mm)

APPLICATION

In-line printing machines	Coating units
Packing thickness	Bearer height
Printing substrates	Paper, cardboard, IML
Coatings	Dispersion and UV coatings



Corporate office:
MONEDA Technologies UG
Schraudolphstr. 13 b 80799 Munich, Germany
✉ business@monedatechnologies.com

MONEDA
TECHNOLOGIES
www.monedatechnologies.com

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