

PRELIMINARY DATA SHEET

Folatrans SMI 100

The product is a matt polyester film with release properties for the transfer of screen-printed items to textiles or other surfaces. The type SMI 100 is optimally suited for instant-peel applications. The fine and homogeneous roughness leads to final transferred print surfaces with an attractive matt finish and a comfortable touch.

PROPERTIES

- Matt release coat on a 100 micron, thermo-stabilized PET film with matt backside coating
- Suitable for Plastisol inks (aqueous systems after previous test)
- Instant peel capable

COMPATIBILITY

Compatible with majority of inks in market incl. Plastisol and water based inks. In case of incompatibility please contact our sales service. Transfer at up to > 180°C.

STORAGE

Unopened in original packaging storage time is 6 months after shipment (under recommended storage conditions). Store in a cool and dry place at a room temperature of 20 – 25°C and at a humidity of 40 – 60 %.

SUPPLY

35 x 50 cm: 200 sheets/box
 50 x 70 cm: 200 sheets/box
 70 x 100 cm: 200 sheets/box
 Other sizes on request.
 Art. Number: 05901.100.xxxxx

TECHNICAL DATA

PROPERTIES	TEST METHOD	VALUE
Base Film		100 µm
SURFACE (RELEASE SIDE)		
Gloss 60°	DIN 67530	4 GU60
Roughness R _a	EN ISO 4287, ASME B46.1	2.5 µm
MECHANICAL		
Tensile strength (MD/TD) ¹	ISO 527-1/3	190/220 N/mm ²
Elongation at break (MD/TD) ¹	ISO 527-1/3	180/130 %
Peel Strength (180°)	Internal method	1.3 N/10mm
THERMAL		
Shrinkage TD	150°C / 30 min, internal meth.	0.1 %
Shrinkage MD	150°C / 30 min, internal meth.	0.5 %
Melting Point		250°C
CHEMICAL		
Formaldehyde content	Internal Standard (acc. JP "Law 112")	< 16 ppm, Trace amounts below limits of REACH and Oekotex standards

¹ Data derived from base film manufacturer's literature. Preliminary testing necessary by customer

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.