POLICROM

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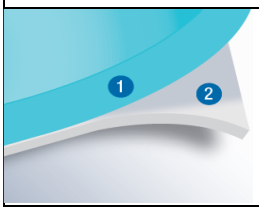
POLISPOT UV ALL 1.15 - 1.35 - 1.95mm

Technical data sheet

DESCRIPTION	APPLICATION	FEATURES
Polymer varnishing plate on a polyester film base, manufactured using a unique multilayer technology	For in-line spot or flood varnishing in offset applications	• Excellent resilience • Translucent • Biaxially oriented polyester base film • Highly resistant to the most common detergents for varnishing plate



1.Polymer

2.PET Film

INSTRUCTIONS FOR USE

• For best cutting make sure that the cutting blade touches the PET base
• Peel gently
• Use a compressible underpacking
• Apply minimum contact pressure between the Anilox© cylinder and the plate, and also between the plate and the pressure cylinder
• Store the product protected from sunlight at a temperature between 5°- 30° Celsius and at a RH ≤ 65%

INSTRUCTION FOR WASHING

• For water based varnishes, use water, better if hot
• For UV, pearlescent and metal varnishes, use isopropyl alcohol

PHYSICAL AND MECHANICAL PROPERTIES

Property	Test method	Unit	Nominal values
Tolerance of thickness	ASTM D 374	mm	± 0.05
Dimensional cutting tolerance (plates)	-	mm	± 0.5

POLISPOT UV ALL: TRANSLUCENT BLUE COLOR

• Designed for UV and water based varnishes with gloss and matte finish. It is recommended to use an anilox with a maximum capacity of 10–12 g/m² wet for a matte finish
• Long run jobs with U.V. varnishes and water based varnishes
• Can be used with recycled paper or any other paper with uneven thickness with weigh up 400 g/m^2

Data	1.15			1.35			1.95			
Layers' composition	Partial thickness (µm)	Total thickness (µm)	Hardness (Shore A)	Partial thickness (µm)	Total thickness (µm)	Hardness (Shore A)	Partial thickness (µm)	Total thickness (µm)	Hardness (Shore A)	Test method
Single PU	760	1150	84	960	1350	82	960	1350	82	ASTM D 374
PET	350		100	350		100	350		100	
Non-woven spacer	-	-	-	-	-	-	-	700	-	
Total hardness	-	-	85	-	-	84	-	-	83	Internal met. 06
Adhesion strength (N/2.5cm)	7 - 16			7 - 16			7 - 16			Internal met. 01

Shelf life: 18 months after invoice date
Warning: U.V. varnishes containing Toluene or MEK can cause swelling of the polymer layer.

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.
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