

Combi UV Premium

The interactions between printing blankets and print chemistry are decisive factors influencing the performance of a press and thus economic efficiency in the print process.

Combi UV Premium is a printing blanket for flexible use with conventional, hybrid and UV inks.

UV-reactive inks, and likewise many washing solvents, are a frequent cause of blanket swelling. The marking of image areas, in particular, is a known problem and can often lead to a significant shortening of the useful lifetime. Constant blanket changes and the high costs of additional material consumption and downtimes are just two of the undesirable consequences.

The Combi UV Premium blanket possesses a newly developed rubber surface which is particularly resistant to the swelling effect of UV inks and solvents. Constant print quality and a long service life become a matter of course.

Product specification:

Colour:	Magenta
Surface:	Ground
Blanket thickness:	1.95 mm
Surface roughness:	$R_A = 0.6 \mu\text{m}$
Micro-hardness [IHRD]:	66
Compressibility:	0.170 mm at 1060 kPa/cm ²
Elongation, overall:	< 2.50 % at 0.88 kN
Surface material:	Solvent-resistant rubber composite

Features and benefits at a glance:

Feature	Benefits
Ink- and solvent-resistant	The new surface rubber reduces swelling and marking; surface service life is extended significantly
Exceptionally stable carcass	The loss of thickness after running-in is reduced through strengthening of the rubber and fabric components
Compressible layers with closed cells	Improved compressibility and the greater resistance to smashing and format marking provide for longer useful lifetime of the blanket
Surface composition	Compatibility with typical chemistry and inks is ensured through careful selection of the surface rubber composition

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