BIRKAN
Intelligent offset & flexographic materials
SINCE 1924

Offset printing blankets • Blanket conversion • Flexo printing plates • Direct laser engraving • Varnishing plates & blankets • Prepress and repro services • Underpacking materials • 3D printing

BIRKAN 4300 UV

(LED) UV blanket with innovative carcass technology

Developed for dedicated UV printing, BIRKAN 4300 UV uses next-generation technology to ensure exceptional durability, stability, and print performance.

The blanket is characterised by high smash resistance and advanced carcass technology, offering robust performance for consistent, high-quality prints. This ensures a longer life and reduces the total cost of consumables.

In addition to its excellent ink transfer properties, the micro-ground EPDM surface is characterised by particularly good resistance to swelling and embossing. It is not only abrasion and chemical resistant, but also extremely easy to clean. Furthermore, the surface ensures excellent sheet release and edge marking resistance.

The enhanced carcass construction includes a closed-cell compressible layer. It ensures uniform print pressure in a wide range of press configurations and across all format sizes, excellent rebound characteristics and smash resistance.

Last but not least, the high-quality woven fabric ensures high stability, robustness and durability due to its low stretch properties.

By extending the running time of the blanket in the machine, all these factors contribute to higher productivity and reduced overall costs in the printing process.

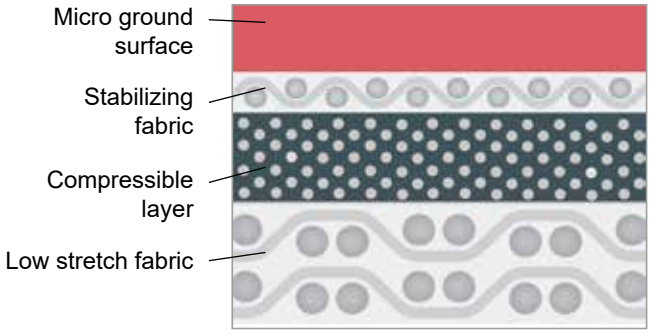
APPLICATION RANGE:
Sheetfed offset ● carton printing ● high and low energy UV curing systems ● metal printing

COMPATIBILITY WITH:
UV inks (incl. LED) and washes ● broad variety of substrates

MAIN FEATURES:
Maximum ink transfer ● excellent release characteristics ● resistant against swelling ● high smash resistance ● quick rebound characteristics ● easy to clean surface ● high stability ● high durability

Technical data

Construction	3-ply, compressible
Colour	red
Surface	EPDM blend, micro-ground, 0.7 µm (Ra)
Microhardness	64° Shore A
Compressibility	0.14 mm @ 1 MPa
Elongation	0.9 %
Thickness	1.96 mm
Ref. no.	049502



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All specifications without garantee and excluding all liability. Subject to modifications.
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