

## BIRKAN Masterprint UV N.D.

### UV blanket for large formats and difficult substrates

BIRKAN Masterprint UV N.D. („New Development“) is a 4-layer printing blanket specifically designed for the high demands in large-format sheet-fed offset and packaging printing with UV inks.

The blanket's particularity resides in its unique construction: Instead of one thick compressible layer, it contains two thinner layers for optimized compressibility. BIRKAN Masterprint UV N.D. thus develops optimum transport and transfer properties regardless of the thickness and condition of the substrate to be printed – the ideal solution for difficult requirements, for example in metal and packaging printing.

The very fine ground surface structure ensures excellent printing results as well for halftone print as for solid print. Due to a special blend made of high quality EPDM rubber, the surface is extremely swell-resistant to UV inks and UV washing solutions and, what is more, highly resistant to heat. At the same time, this particular surface compound assists ink transfer and prevents piling, thus reducing blanket washing frequency.



#### APPLICATION RANGE:

Sheetfed • carton printing • plastic card and CD printing • metal printing

#### COMPATIBILITY WITH:

UV inks • hybrid inks • broad variety of substrate types

#### MAIN FEATURES:

Top quality in halftone and solid print  
• extreme swell resistance • reduced paper dust piling • optimum transport and transfer properties • high durability

### Technical data

Construction	4-ply, compressible
Colour	violet
Surface	micro ground, 0.8 µm Ra
Total hardness	80° Shore A
Microhardness	60° Shore A
Compressibility	appr. 10% @ 1350 kPa
Elongation	<0.9% @ 500 N/50 mm
Tensile strength	>3500 N/50 mm
Thickness	1.95 mm
Ref. no.	025259

