

## BIRKAN Dot-Master 1.70

### High end quality for a variety of offset applications

BIRKAN Dot-Master is a genuine all-round blanket suitable for sheetfed and carton printing as well as for metal printing. A special micro ground surface compound gives outstanding print quality with sharp dot reproduction across a variety of papers, boards, metals and printing pressures.

Due to exceptional ink transfer properties, solid print densities can be achieved with reduced pressure between plate and blanket. Main benefits of this feature are reduced dot gain on the print and even dense solids. This is one of the reasons why BIRKAN Dot-Master is often applied in FM screen printing.

The micro sphere compressible layer gives excellent smash resistance, thus ensuring an increased durability of the blanket's life. Outstanding edge cut resistance enables the use with a variety of sheet sizes without the need for a blanket change.

The smooth microground surface is easy to clean and resists staining. Its special finish provides excellent sheet release, including on high speed presses.

#### APPLICATION RANGE:

Sheetfed • Carton Printing • Metal Printing

#### COMPATIBILITY WITH:

All conventional inks • broad variety of papers and boards

#### MAIN FEATURES:

Sharp dot reproduction • exceptional ink transfer • excellent smash resistance • outstanding edge cut resistance • perfect sheet release  
• high durability

### Technical data

Construction	3-ply, compressible
Colour	emerald green
Surface	micro ground, 0.7 µm Ra
Total Hardness	75° Shore A
Microhardness	64° Shore A
Compressibility	0.17 mm @ 1060 kPa 0.26 mm @ 2060 kPa
Elongation	<0.7% @ 10 N/mm
Thickness	1.70 mm
Ref. no.	010790

