

BIRKAN 5300

For high speed and large format heatset presses

BIRKAN 5300 has been developed specifically for the enormous requirements of high speed heatset presses with large formats (up to 80 pages). This blanket excels in consistent print quality over a long period and high longevity.

Key to this is the compressible layer integrating a new revolutionary technology. It provides fast web release, minimized damage from web breaks and smashes and minimal gauge loss – all these factors contributing to high performance on press. The controlled compressibility improves the ink transfer. The print area is maximized to the gap.

Furthermore, a specially formulated face compound of nitrile blend produces, in combination with a smooth surface finish, consistent gauge and the same controlled dot gain on A & B cylinders. The surface is easy to clean and resists ghosting as well as edge cutting.

The pretensioned waterproof fabrics protect the blanket against chemical ingress and fount penetration.

APPLICATION RANGE:

Heatset up to 80 page format • high speed presses

COMPATIBILITY WITH:

Coated stocks • all paper types

MAIN FEATURES:

Optimized ink transfer • controlled dot gain • minimal gauge loss • resistant to edge cutting • improved web release • easy to clean • high durability

Technical data

Construction	3- and 4-ply, compressible
Colour	purple
Surface	micro ground, 0.5 µm Ra
Microhardness	64°
Compressibility	0.15 mm @ 1060 kPa (1.70 mm) 0.23 mm @ 2060 kPa (1.70 mm) 0.16 mm @ 1060 kPa (1.95 mm) 0.24 mm @ 2060 kPa (1.95 mm)
Elongation	<0.7% @ 10 N/mm
Tensile strength	>60 N/mm
Thickness	1.70 mm / 1.95 mm
Ref. no.	049170 (1.70 mm, 3-ply) 049195 (1.95 mm, 4-ply)

