

BIRKAN 5700

Printing blanket for high speed, wide format heatset presses

BIRKAN 5700 has been specially designed for the high requirements in heatset printing with wide formats and high speeds. This blanket excels in consistent register at all speeds, a trouble free printing process and high durability.

Key to this is the compressible layer integrating a new revolutionary technology, which delivers consistent print pressure even at high speed and across all press widths. Targeted web feed characteristics equalise web tension between units and reduce stress on lighter weight stocks. Reduction of web feed differential between units helps control power consumption and can extend plate life. The controlled compressibility improves the ink transfer. The print area is maximized to the gap.

Furthermore, a specially formulated face compound of revised polymers 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 ● wide format ● high speed

COMPATIBILITY WITH:

All paper types ● uncoated or super calendered grades

MAIN FEATURES:

Neutral feed properties ● uniform ink transfer ● reduced paper dust piling ● resistant to paper abrasion ● reduced edge cutting ● improved web release ● excellent recovery characteristics ● easy cleaning ● high durability

Technical data

Construction	3-ply, compressible
Colour	green
Surface	micro ground, 0,6 µm Ra
Microhardness	64°
Compressibility	0,16 mm @ 1060 kPa 0,23 mm @ 2060 kPa
Elongation	<0,7% @ 10 N/mm
Tensile strength	>60 N/mm
Thickness	1,70 mm
Ref. no.	010863

