

NTR 101 SB



Adhesive Backed Blanket

We at NOVURANIA have learned many years ago listening to our customer's needs and to the stockholder's expectations. This is how we have developed products specifically designed to meet your needs, while constantly improving on our environmental compliance. New construction materials and technological advances play a vital role in NOVURANIA's R&D and manufacturing processes. No one believes more firmly than our staff that Innovation is the key to success... Year after year we continue to introduce new models as well as new, cleaner, manufacturing processes. Our environmental managing system is approved to ISO 14000, because we believe we owe this to the future generations.

Every time, every day you use our new NOVURANIA blankets you will appreciate we are truly *Ahead of our times*.

NTR 101 SB

Adhesive Backed Blanket

Characteristics

Good smash resistance

Less build up of board and ink on non image areas of blanket

Reduced washing intervals of coating blanket (due to ink/board build up).

High contrast values

Better sheet release

Reduced plate wear

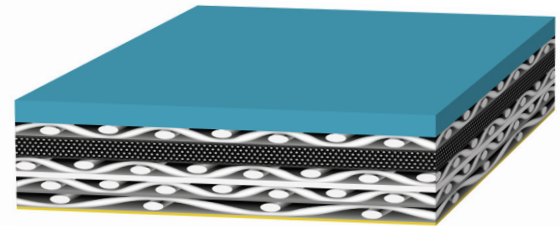
Increased longevity and run life

No swelling

Stripping capabilities of the compressible layer for profiling

Resistant to mixed ink drying systems (IR, UV and Oxidation types)

Specially designed for use on all presses including Rutherford and Ragsdale two-piece can decorators, NTR 101 S.B. is an adhesive backed compressible blanket which can quickly and



easily be stuck onto the blanket cylinder. Minimal dot gain, fine reverse line detail and dense solids at all operating speeds result from the combination of a thick compressible layer with a micro-ground smooth surface. Total blanket stability, at decorator speeds in excess of 2,000 cpm, is ensured by a high shear-strength, acrylic adhesive coating. This purpose-coated adhesive minimizes the risk of adhesive remaining on the steel after blanket removal by penetrating the fabric back ply. NTR 101 S.B. has a nitrile rubber surface suitable for varnish-free (Novar) polyester inks, commonly used in Europe and the USA. Outstanding durability is achieved through the absence of surface swelling and the thick compressible layer. Construction: Four-ply compressible with adhesive backing.

Available gauge	1,95 mm
Standard surface colour	Light blue

Typical technical data

Tensile strength	> 2500 N/50 mm
Hardness	78 Shore A
Microhardness	61 Shore M
Hysteresis (Compressibility)	44 mJ (on the 5th compression cycle)
Surface roughness	0,8 - 1,0 μm Ra
Swelling	
in a typical blanket wash	< 1 %
in a typical blanket rejuvenator	5 - 6%
in MEK	22%

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