

NTR 101



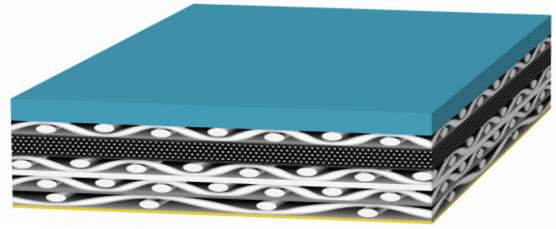
High Quality Sheetfed Blanket

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

High Quality Sheetfed Blanket



The NTR 101 is a soft type highly compressible printing blanket, designed for modern metal decorating, for carton printing applica-

tions, and particularly suitable also for older type slower sheetfed presses, where mechanical tolerances require a more forgiving and softer blanket construction. The NTR 101 benefits from the new production methods now used in the NOVURANIA plant utilizing a strongly reduced solvent quantity and a highly environmentally friendly production process. The surface layer is a carefully chosen blend of compounding ingredients and polymers, and features excellent print quality, aqueous and UV coating capabilities, and a certain degree of UV ink resistance for mixed ink applications, especially in metal decorating. Mechanically it exhibits an excellent compression set and good rebound characteristics. The carcass, with special long stapled cotton yarn, woven to our rigorous specifications, provides good mechanical properties. The NTR 101 is also available in STRIP version, which can be stripped inside the compressible layer for non-repeat jobs, with a very deep stencil depth.

Characteristics

Good smash resistance

Excellent rebound/recovery characteristics

Low compression set

Dense solid coverage

High contrast values

Better sheet release

Reduced plate wear

Increased longevity and run life

No swelling

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

Available gauge	1,95 mm
Standard surface colour	Light blue

Typical technical data

Tensile strength	> 2000 N/50 mm
Elongation	1,20 % (10 N/mm load)
Hardness	73 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%

NOVURANIA S.p.a.
via Circonvallazione, 3
38079 Tione di Trento - Italy
tel. +39 0465 339311
fax. +39 0465 321551
sales@novurania.it
www.novurania.it


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