

NTR 103



High Quality Sheetfed Blanket

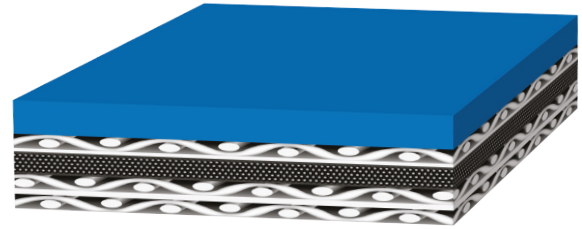
We at NOVURANIA have learned many years ago listening to our customer's needs and to the stockholder's expectations. This is how we have developed products specifically designed to meet your needs, while constantly improving on our environmental compliance. New construction materials and technological 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*.


NOVURANIA
Ahead of Our Times

NTR 103

High Quality Sheetfed Blanket



The NTR103 is a highly compressible printing blanket, with a new blend of surface rubbers and polymers designed to run with low or nonalcoholic founts. The specially formulated surface compound is specifically ground in order to ensure excellent ink transfer and dot reproduction. It has a softer compressible layer and carcass especially suitable for metal decoration and carton printing applications, which minimizes edge cutting and denting. Mechanically it exhibits an excellent compression set and good rebound characteristics. The precision buffed surface finish provides improved gauge control and excellent ink transfer and sheet releasing properties. The NTR103 incorporates NOVURANIA proprietary "Sinkless Technology", for better durability on the press. The carcass, with special long stapled cotton yarn, woven to our rigorous specifications and with multiple calendering to remove the excess air trapped in the cotton yarns, provides good mechanical properties. The NTR 103 benefits from the new production methods now used in the NOVURANIA plant combining greatly reduced solvent usage with a highly environmentally friendly production process.

Characteristics

- Good smash resistance
- Excellent rebound/recovery characteristics
- Low compression set
- Dense solid coverage
- High contrast values
- Better sheet release
- Reduced paper dust piling
- Reduced plate wear
- Increased longevity and run life
- No swelling
- Stripping capabilities of the compressible layer for profiling (Strip version)
- Resistant to mixed ink drying systems (IR, UV and Oxidation types)

Available gauge	1,95 mm
Standard surface colour	Blue

Typical technical data

Tensile strength	> 2000 N/50 mm
Elongation	1,20 % (10 N/mm load)
Hardness	79 Shore A
Microhardness	54 Shore M
Hysteresis (Compressibility)	44 mJ (on the 5th compression cycle)
Surface roughness	1,35 - 1,55 µm Ra
Swelling	
in a typical blanket wash	< 1 %
in a typical blanket rejuvenator	5 - 6%
in MEK	22%

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