

NTR 305



Printing Excellence

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 305

Printing Excellence



The NTR 305 is based on a patented virtually zero stretch carcass. This blanket can handle a broad range of printing applications on the most modern or older

presses. The unique construction reduces gauge loss and increases durability. The zero stretch carcass provides full dimensional stability, while the refined compressible layer makes it easier to print the most difficult jobs. Top print quality and long service life of the printing blanket are today's most important factors. This means high resistance to smashes, and format changes without any problems. It has excellent resistance to a variety of chemicals. The NTR 305 incorporates the latest closed cell compressible layer, the NOVURANIA "Sinkless Technology", and a carefully chosen blend of compound ingredients and polymers for the lithographic printing surface. This features an excellent compression set and rebound characteristics. The precision buffed surface finish provides excellent ink transfer and sheet releasing properties.

The carcass is unsurpassed in printing stability. Multiple calendaring of the cotton plies, a proprietary construction of the compressible layer to minimize variations of compressibility, a patented build up, as well as an innovative coating technique, guarantee minimal sinking and maximum durability.

Available gauge	1,95 mm
Standard surface colour	Blue

Typical technical data

Tensile strength	> 3100 N/50 mm
Elongation	0,95 % (10 N/mm load)
Hardness	73 Shore A
Microhardness	54 Shore A
Hysteresis (Compressibility)	65 mJ (on the 5th compression cycle)
Surface roughness	0,7 - 1,0 µm Ra
Swelling	
in a typical blanket wash	< 1 %
in a typical blanket rejuvenator	5 - 6%
in MEK	22%

Characteristics

No sinking on press

Excellent smash resistance

Zero stretch

Excellent rebound/recovery characteristics

Low compression set

Dense solid coverage

High contrast values

Excellent sheet release

Reduced paper dust piling

Reduced plate wear

Increased longevity and run life

No swelling

Better washability

Enhanced resistance to alcohol free fountain solutions and to VOC-free washes

Patented carcass

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