

NTR 118



Web and dual Purpose 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 118

Web and Dual Purpose Blanket

Characteristics

- Absolutely no sinking on press
- Excellent smash resistance
- Excellent rebound/recovery characteristics
- Low compression set
- Dense solid coverage and high ink split
- High contrast values
- Excellent sheet release
- Reduced paper dust piling
- Reduced plate wear
- Increased longevity and run life
- No swelling
- Better washability
- Reduced "bouncing" (gear-marking) on certain types of web presses
- Even feed-characteristics throughout the life of the blanket

The NTR 118 is a new generation web blanket, designed specifically for lower speed web presses. It has shown good results also in dual purpose (conventional and UV) sheet-fed printing. The newly formulated surface compound is



characterized by outstanding physical and chemical properties that increase its excellent resistance to inks and washing solutions, while providing excellent ink transfer and paper release, combined with an outstanding compression set and rebound characteristics. The reinforced carcass is manufactured from only the highest quality long staple cotton yarns, woven to our rigorous specifications providing excellent mechanical properties. The NTR 118 incorporates our proprietary "Sinkless Technology", to minimize gauge loss and improve smash resistance.

The NTR 118 is most suitable for use on web presses with speeds up to 30.000 copies per hour. Its slightly rougher surface also makes it very suitable for sheet-fed printing on low quality paper or board, thus carrying more ink. The new face formulation with its hydrophilic top surface keeps the blanket lubricated to maximize the lifetime of CTP plates, and reduces the build-up of ink and paper. The specially designed durable carcass features longer blanket life, less down time and better printing quality on press. The NTR 118 is a truly multipurpose product ideal for uncoated stock, newspaper printing and heat-set web applications.

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|-------------------------|-------------------|
| Available gauge | 1,70 mm - 1,95 mm |
| Standard surface colour | Green |

Typical technical data

| | |
|----------------------------------|--------------------------------------|
| Tensile strength | > 3300 N/50 mm |
| Elongation | 1,00 % (10 N/mm load) |
| Hardness | 74 Shore A |
| Microhardness | 54 Shore M |
| Hysteresis (Compressibility) | 55 mJ (on the 5th compression cycle) |
| Surface roughness | 0,9 - 1,2 µm Ra |
| Swelling | |
| in a typical blanket wash | < 1 % |
| in a typical blanket rejuvenator | 5 - 6% |
| in MEK | 22% |

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