

# NTR 114



## Heatset Web 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 114

## Heatset Web 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 114 is a new generation web blanket, designed to help reduce bouncing and gear-marking, associated with certain types of web presses.

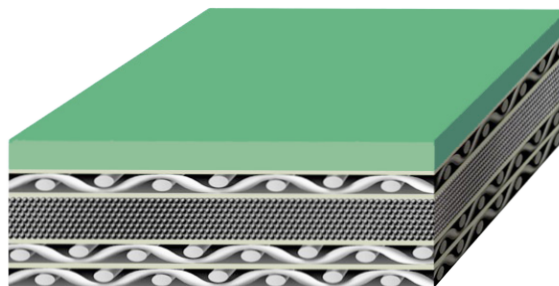
The newly formulated surface compound is characterized by outstanding

physical and chemical properties that increase its excellent resistance to inks and washing solutions, while providing excellent ink transfer and sheet release, combined with an outstanding compression set and good 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 back ply is sealed for enhanced protection against penetration of inks and damping solutions. The NTR 114 incorporates our proprietary "Pressurized Sinkless Technology", to improve speed of recovery and smash resistance.

The precision buffing of the compressible layer eliminates variations of compressibility.

The NTR 114 is suitable for use on web and sheet fed presses and is the ultimate development in the field of compressible layer blankets. 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.



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

### Typical technical data

Tensile strength	> 3300 N/50 mm
Elongation	0,8 % (10 N/mm load)
Hardness	80 Shore A
Microhardness	54 Shore M
Hysteresis (Compressibility)	50 mJ (on the 5th compression cycle)
Surface roughness	1,0 - 1,3 µm Ra
<b>Swelling</b>	
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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