

NTR 152



UV Compressible Blanket

We at NOVURANIA have learned many years ago listening to our customer's needs and to the stakeholders' 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 14001, 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 152

UV Compressible Blanket

Characteristics

No sinking on press

Excellent smash resistance

Excellent rebound/recovery characteristics

Low compression set

Dense solid coverage

High contrast values

Better sheet release

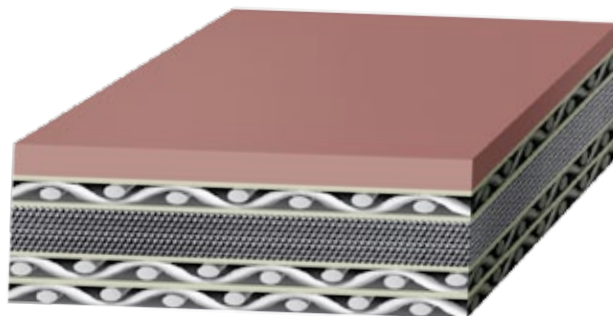
Reduced paper dust piling

Reduced plate wear

Increased longevity and run life

No swelling

The NTR152, a dedicated UV blanket, built with a softer face on a harder carcass, represents the latest in rubber surface technology for unsurpassed performance with UV inks. This newly developed EPDM blend surface resists the swelling and embossing that are common with UV. In conjunction with the new surface formulation the NTR152 has a special surface grind to minimize UV solvent and ink penetrating the face, at the same time enhancing release. This solvent and ink ingress is one of the biggest causes of swelling, and requiring blanket changes, it decreases your press productivity. The carcass, built with the NOVURANIA "Sinkless Technology" holds up to edge marking or cutting, and further increases useable life of the blanket. These are the reasons for the NTR152 delivering clean sharp and consistent dots for excellent print quality as well as dense and rich solids. The NTR152 is particularly suited to UV mini web machines as well as sheet fed.



Available gauges	1,70 mm - 1,95 mm
Standard surface colour	Purple

Typical technical data

Tensile strength	> 3300 N/50 mm
Elongation (warp and weft)	1,00 % (10 N/mm load)
Hardness	64 Shore
Microhardness	51 Shore
Hysteresis (Compressibility)	50 mJ (on the 5th compression cycle)
Surface roughness	0,6 - 0,8 $\mu\text{m Ra}$
Swelling	
in a typical blanket wash	< 5 %
in a typical blanket rejuvenator	< 0,5 %
in MEK	10%

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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