

NTR 151



Highly Compressible UV 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*.

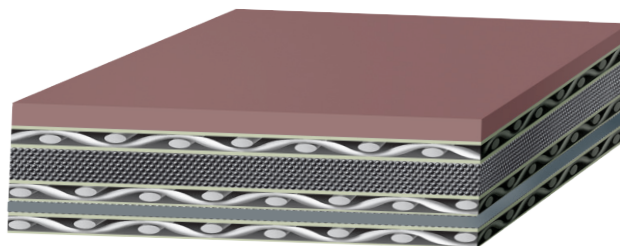
NTR 151

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Characteristics

Good samsh resistance
 Excellent rebound/recovery characteristics
 Low compression yet
 Dense solid coverage
 High contrast values
 Excellent sheet release
 Reduced paper dust piling
 Reduced plate war
 Increased longevity and run life
 No swelling
 Stripping capabilities of the compressible layer for profiling (Strip version)

The NTR151, a dedicated UV blanket, built with a harder face on a softer carcass, is a general purpose blanket to be used when printing with UV inks. This EPDM surface blend, resists the swelling and embossing that are common with UV. In conjunction with the new surface the NTR151 has a special surface grind enhancing release and minimizing UV solvent and ink penetrating the face, which is one of the biggest causes of swelling. For the printer this means fewer blanket changes, and thus higher press productivity. The NTR151 also delivers clean sharp and consistent dots for excellent print quality as well as dense and rich solids. The NTR 151 has a totally new construction, which makes it particularly suitable for use in plastic printing and metal decorating. The NTR 151 can also be ordered as STRIP 151, in which case it can be utilized as a stripping blanket for Spot coating applications with UV coatings. This blanket should not be cleaned with combi-washes, but only with dedicated UV washes.



Available gauge	1,95 mm
Standard surface colour	Purple

Typical technical data

Tensile strength	> 2000 N/50 mm
Elongation	1,20 % (10 N/mm load)
Hardness	72 Shore A
Microhardness	56 Shore M
Hysteresis (Compressibility)	44 mJ (on the 5th compression cycle)
Surface roughness	0,6 - 0,8 µm Ra
Stencil depth	1,20 mm
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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