

303 Revolution



Compressible Multiuse Spot Coating 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

303 Revolution

Compressible Multiuse Spot Coating Blanket

Characteristics

Deep stencil depth of 1,2 mm

Clean recesses

Exceptionally good transfer of acrylic or UV based coatings

Extremely dimensionally stable

Can be reused several times

Compressible layer equalizes pressure, even when stock is not consistent in gauge.

Reduced washing downtime

Reduced stripping downtime

Can be stripped manually or by CAD/CAM plotter

No tensioning problems, no sinking on press.

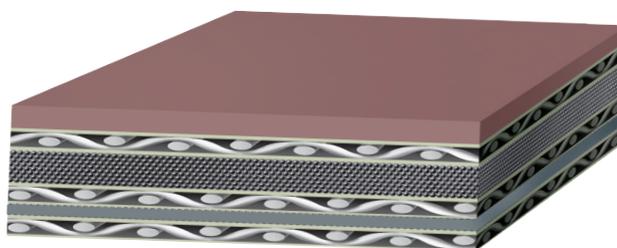
Superior detailing properties.

Higher gloss levels or coating weight

No swell with UV coatings.

Can be washed without damage to the base layer.

The NOVURANIA 303 Revolution was developed to overcome some of the more common printing and spot coating problems caused by shortcomings in existing (textile) blanket structures. Its



“Revolution” lies in the fact that the isotropic carcass has a very much lower stretch than that of comparable common multi-ply textile constructed blankets. Stripping out the upper part of the carcass in localized areas leaves clean, deep and even recesses for coating and spot varnishing applications. The patented core of the 303 Revolution is a high strength polyester film, which remains highly dimensionally stable, wet or dry. This core will maintain constant register from the first to the last sheet. The result is fewer press stops to clean up, increasing the profitability of the press and the job.

The hydrophilic nature of the 303 Revolution transfer surface makes it possible to obtain more consistently higher coating weights on the substrate surface.

The surface used in the 303 Revolution also offers exceptional resistance to UV coatings compared to most strippable blankets or plates available on the market, which have a strong tendency to swell with UV coatings.

The 303 Revolution once removed can be stored and reused time and time again on repeat jobs, so the printer will save time and money not having to re-cut standard stripping blankets.

Available gauge	1,95 mm
Standard surface colour	Violet

Typical technical data

Tensile strength	> 3000 N/50 mm
Elongation	0,50 % (10 N/mm load)
Hardness	82 Shore A
Microhardness	60 Shore M
Hysteresis (Compressibility)	35 mJ (on the 5th compression cycle)
Surface roughness	1,1 - 1,4 µm Ra
Stencil depth	1,20 mm
Swelling	
in a typical blanket wash	< 1 %
in a typical blanket rejuvenator	5 - 6 %
in MEK	22%

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