

STRIP 101 CAST



High Quality Sheetfed Compressible 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*.

STRIP 101 CAST

High Quality Sheetfed Compressible Blanket

Characteristics

Good smash resistance

Less build up of board and ink on non image areas of blanket

Reduced washing intervals of coating blanket (due to ink/board build up)

High contrast values

Better sheet release

Reduced plate wear

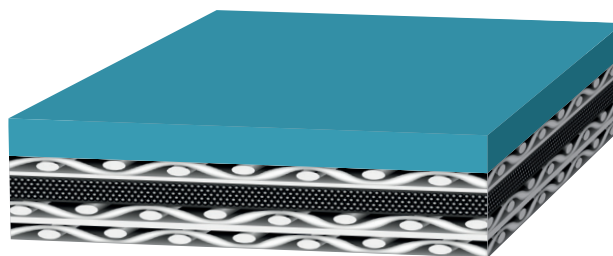
Increased longevity and run life

No swelling

Stripping capabilities of the compressible layer for profiling

Resistant to mixed ink drying systems (IR, UV and Oxidation types)

The Strip 101 Cast is a highly compressible cast finished stripping coating blanket that can be stripped to the compressible layer, designed to offer the advantages of an unbuffed blanket to lay a smooth and even layer of coating.



The cast-finished blanket greatly reduces build-up of backtrapped ink, and of paper fibers and dust on the surface of the blanket. This in turn greatly reduces the washing intervals normally associated with similar blankets. The specially formulated surface compound is optimized to ensure excellent coating transfer of both aqueous and UV coatings. It has a softer compressible layer and carcass especially suitable for metal decoration and carton printing applications, which minimizes edge cutting and denting. Mechanically it exhibits good compression set and rebound characteristics. The Strip 101 Cast incorporates NOVURANIA proprietary technology with a precision buffing of the compressible layer to eliminate variations of compressibility and improve the lay down of coating. The carcass, with special long stapled cotton yarn, woven to our rigorous specifications, provides good mechanical properties. The Strip 101 Cast benefits from the new production methods now used in the NOVURANIA plant utilizing nearly 100% reduced solvent usage with a very environmental friendly production process.

Available gauge	1,95 mm
Standard surface colour	Light blue

Typical technical data

Tensile strength	> 2000 N/50 mm
Elongation	1,20 % (10 N/mm load)
Hardness	73 Shore A
Microhardness	61 Shore M
Hysteresis (Compressibility)	46 mJ (on the 5th compression cycle)
Surface roughness	Cast finished
Stencil depth for strip version	1,0 - 1,2 mm
Swelling	
in a typical blanket wash	< 1 %
in a typical blanket rejuvenator	5 - 6%
in MEK	22%

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