

STRIP 101



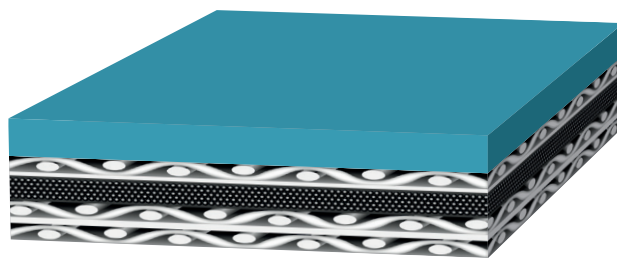
Stripping Blanket

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

Stripping Blanket



The Strip 101 is a soft type highly compressible printing and coating blanket, designed for modern metal decorating, for carton printing applications, and particularly suitable also for older type slower sheet-fed presses, where mechanical tolerances require a more forgiving and softer blanket construction.

The Strip 101 benefits from the new production methods now used in the NOVURANIA plant utilizing a strongly reduced solvent quantity and a very environmental-friendly production process.

The surface layer is a carefully chosen blend of compounding ingredients and polymers that features excellent print quality, aqueous and UV coating capabilities, and a certain degree of UV ink resistance for mixed ink applications, especially in metal decorating. Mechanically it exhibits good compression set and rebound characteristics.

The carcass, with special long stapled cotton yarn, woven to our rigorous specifications, provides good mechanical properties.

The Strip 101 can be stripped inside the compressible layer for non-repeat jobs, with a very deep stencil depth, around 1 mm.

Available gauge	1,95 mm
Standard surface colour	Light blue

Typical technical data

Tensile strength	> 2000 N/50 mm
Elongation	1,2 % (10 N/mm load)
Hardness	73 Shore A
Microhardness	61 Shore M
Hysteresis (Compressibility)	46 mJ (on the 5th compression cycle)
Surface roughness	1,1 - 1,3 μ m Ra
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%

Characteristics

Good 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

Stripping capabilities of the compressible layer for profiling (Strip version)

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

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