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SUPER RELEASE - SP023

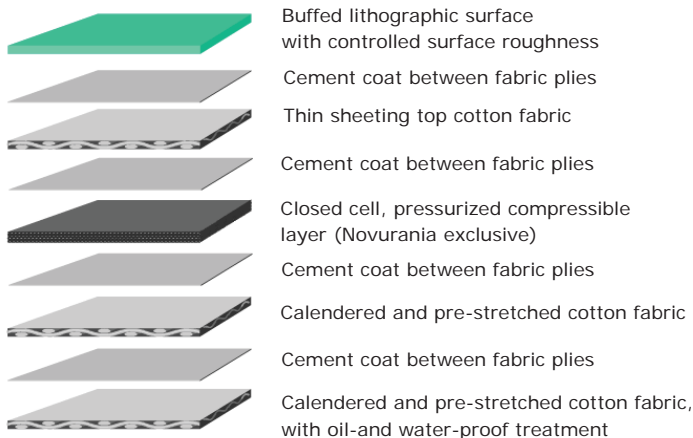
Manufactured by  and converted by Servicom Pacific
Novurania Ahead of Our Times

Application

- General Sheetfed
- High Speed Sheetfed
- Coldset Web
- Heatset Web
- Newspaper

The Super Release has been developed as a soft type, highly compressible web blanket, designed to reduce the 'bouncing' (gear-marking) problem inherent in certain types of web presses. The Super Release is eminently suitable for use on web press, coldset (type CS).

The reinforced carcass is manufactured from only the highest quality long staple cotton yarns, and the fabric plies are woven to rigorous specifications providing excellent mechanical properties. All plies are multi-calendered to ensure lowest sinking on the press. The back ply is sealed for enhanced protection against penetration of inks and damping solutions. The Super Release incorporates the latest closed cell compressible layer technology, with pressurized voids to improve speed of recovery and buffing of the compressible layer to reduce variations of compressibility. The face compound is designed for excellent compression set and rebound characteristics. The precision buffed surface finish provides improved gauge control and excellent ink transfer and sheet releasing properties.



Features

- 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
- Reduced 'bouncing' (gear-marking) on certain types of web presses.

Technical Data

Compressibility	60 mJ (on the 5th compression cycle)
Elongation	0.8% (under 10N / mm load))
Microhardness	68 IRHD
Hardness	77 IRHD
Surface Roughness	0,8 – 1,0 um Ra (type HS) 1,5 – 1,7 um Ra (type CS)
Tensile Strength	> 2700 N / 50mm
Swelling:	
In a typical blanket wash:	< 1%
In a typical blanket rejuvenator:	5 – 6%
In MEK:	22%



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