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The Alternative for shaftless newspaper webs,
in 4-high and/or satellite configuration

→ Presses	Newspaper webs
→ Packing height	Conform to OEM recommendations
→ Substrates	Newsprint
→ Inks	Conventional and vegetable oil-based
→ Wash-up solvents	Conventional, low VOC, VOC-free

Application

→ Hydrophilic and micro-ground printing surface, controlled roughness 1.4 - 1.7 µm	<ul style="list-style-type: none">  Crisp halftones, full dots, dense and well-spread solids  Reduced linting and ink piling resulting from optimum water distribution  Extended cleaning intervals  Minimum plate abrasion/wear
→ No fabric between printing surface and first compressible layer	<ul style="list-style-type: none">  Neutral/slightly negative web feed  Balanced power take up on single drive/shaftless presses  No surface rubber delamination  No break at the cylinder gap  Handles thickness variations in newsprint with ease
→ Two compressible layers	<ul style="list-style-type: none">  Excellent resistance to excess-pressure (wrap-arounds, web changes, etc)  Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear  Low tendency for heat-built-up (great stability of the ink/water balance, no surface rubber delamination)
→ Two technologies of compressible layers: Microspheres (1st) /pressurized voids (2nd)	<ul style="list-style-type: none">  Reduced gauge loss, no need for re-packing  Reduced piling on blanket surface
→ High stability carcass manufactured from pre-stretched and multi-calendered fabrics	<ul style="list-style-type: none">  Minimum residual elongation  High dimensional and register stability  Controlled gauge loss  Consistent web feed  Blankets and plates stay clean longer  No gapping (paper creasing)

Features / Benefits

Construction

Fabric plies: 3
 Compressible layer: Microspheres + pressurized voids
 Identification lines: none

Physical properties

Overall hardness: 79° Shore A
 Tensile strength: > 3750N/50 mm
 Elongation at 500N/50 mm: < 1%
 Gauge loss at tensioning and running in: < 2%

Gauge

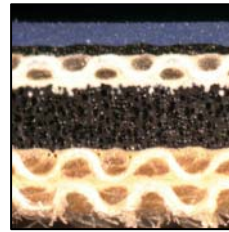
Nominal gauge: 1.96 mm(+/-0.02 mm)
 Gauge uniformity per Blanket of max. 1 m²: +/- 0.015 mm

Surface

Colour: Blue
 Finish: ground and polished
 Roughness (Ra): 1.4 – 1.7 µm
 Micro-hardness: 62° Shore A

Physical properties

Indentation at 100N/cm²: 0.15 mm (7.7 %)
 Indentation at 200N/cm²: 0.25 mm (12.8 %)
 Feed characteristics: neutral/slightly negative



All our product information's you will find in the internet on www.boettcher-systems.com

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The purpose of these technical data is to assist our customers. We list general experience and laboratory test. Translation of these to actual applications is, however, subject to a variety of factors which are beyond our control. We ask for understanding that claims can't be based upon them.