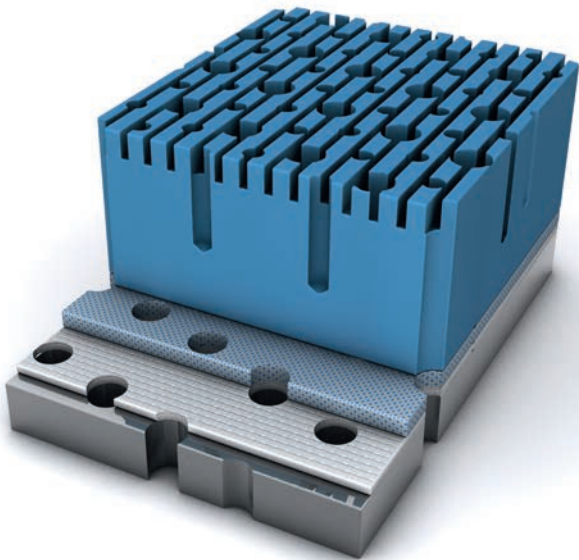


Innovative roll covers for press section ArcticPress & ArcticFlow







Benefits

- + New mini-base-layer concept increases lifetime
- + Improved grinding intervals and longer service life
- + Constant nip conditions over the lifetime
- + Improved hydrolysis resistance properties
- + Excellent surface stability under load conditions

ArcticPress for press rolls and ArcticFlow for suction rolls were especially developed for medium speed applications. The roll covers integrate the latest polyurethane materials for best impact and abrasion resistance for long grinding intervals with constant profile, press nip and dewatering conditions. Both roll covers have a unique cover build-up with a thicker functional layer for more lifetime.

The figures – ArcticPress and ArcticFlow in numbers

<p>Material Polyurethane</p> <hr/>  <p>Temperature resistance max. 100° C</p>	<p>Section Press</p>  <p>Color Light blue</p>	 <p>Hardness 5-20 P&J</p>	<p>ArcticPress surface design P: Plain G: Grooved BD: Blind drilled BDG: Blind drilled grooved</p> <p>ArcticFlow surface design S: Suction hole SG: Suction hole and grooved SBD: Suction hole blind drilled SBDG: Suction hole blind drilled and grooved</p> 
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Increased functional layer and more void volume

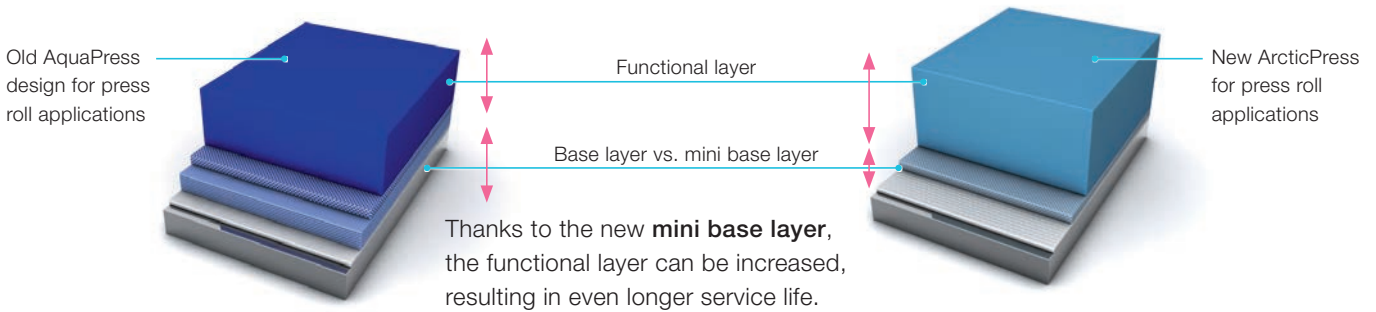
Due to the innovative structure and new mini base layer of ArcticPress and ArcticFlow, the functional layer can be increased, resulting in even longer service life. The polyurethane functional layer combines hardness stability, wear resistance and elasticity. The proven surface design ensures optimal drainage. ArcticPress and ArcticFlow are suitable for all graphic, board and packaging applications with medium high speeds and can withstand the harsh environment of a press section.

Combined with Voith fabrics and blades, ArcticPress and ArcticFlow increase the performance level of your paper machine.

New build-up

AquaPress vs. ArcticPress

ArticFlow for suction press rolls is identical in design



Full overview

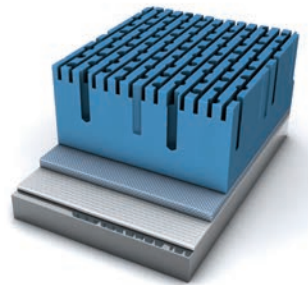
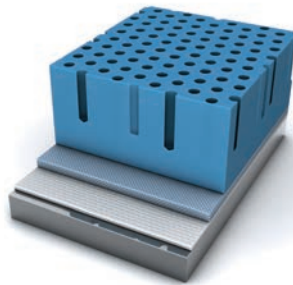
ArcticPress

P: Plain

G: Grooved

BD: Blind drilled

BDG: Blind drilled grooved



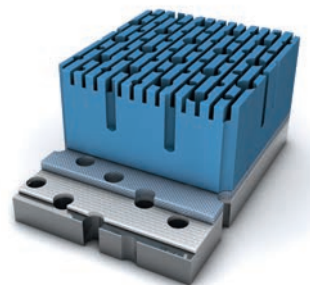
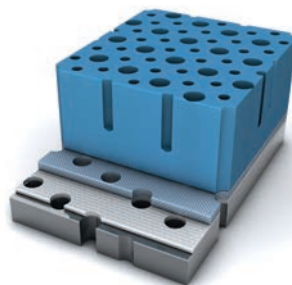
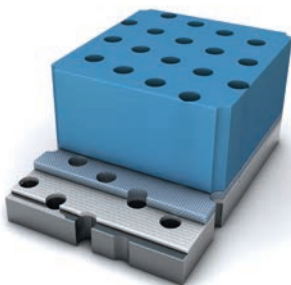
ArcticFlow

S: Suction hole

SG: Suction hole and grooved

SBD: Suction hole blind drilled

SBDG: Suction hole blind drilled and grooved





How can we support you?
Just contact us via our
webform.

Voith Group
St. Poeltener Str. 43
89522 Heidenheim
Germany

www.voith.com

Contact:
Phone +49 7321 37-0
paper@voith.com



VOITH