

# Roll covers in the paper machine Forming section



# Forming section

**Voith Paper machine roll cover products and services help papermakers to improve paper quality and paper machine efficiency. Papermakers around the world recognize Voith for its quality and commitment to excellence in paper production.**

A long, successful history of innovation in polyurethane, rubber, composite covers and thermal coating roll covers has provided distinct performance advantages to the industry's paper machines.

The resources of the worldwide Voith organization are focused on helping papermakers optimize their paper quality and machine efficiency, through better sheet release, lower draws, higher dewatering efficiency, uniform coating application and optimized calendering.

### Wire roll covers

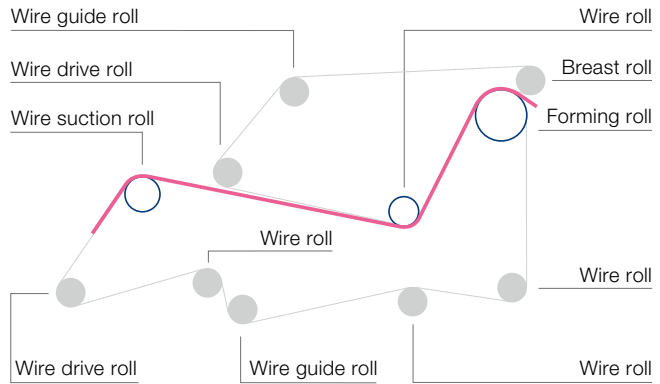
Wire rolls have the function of guiding, supporting and tensioning the fabric in the forming section. Our product portfolio includes rubber, resin composite covers as well as hard metal coatings. Standard covers are based on filled hard rubber compounds. Special edge construction reduces risk of edge lifting and enhances service life. For more abrasive applications, resin covers provide the required wear resistance and run time. Hard thermal coatings provide the highest level of wear resistance for the most demanding applications.

### Wire drive roll covers

Wire drive rolls transmit the drive force to the fabric. The covers must be wear resistant and must provide good traction properties to drive without slipping. Rubber, with the hardness range of 10 to 15 P&J, is the standard cover compound for this position. Polyurethane covers can enhance service life in critical applications through their outstanding material wear resistance and superior coefficient of friction, reducing detrimental wire slippage.

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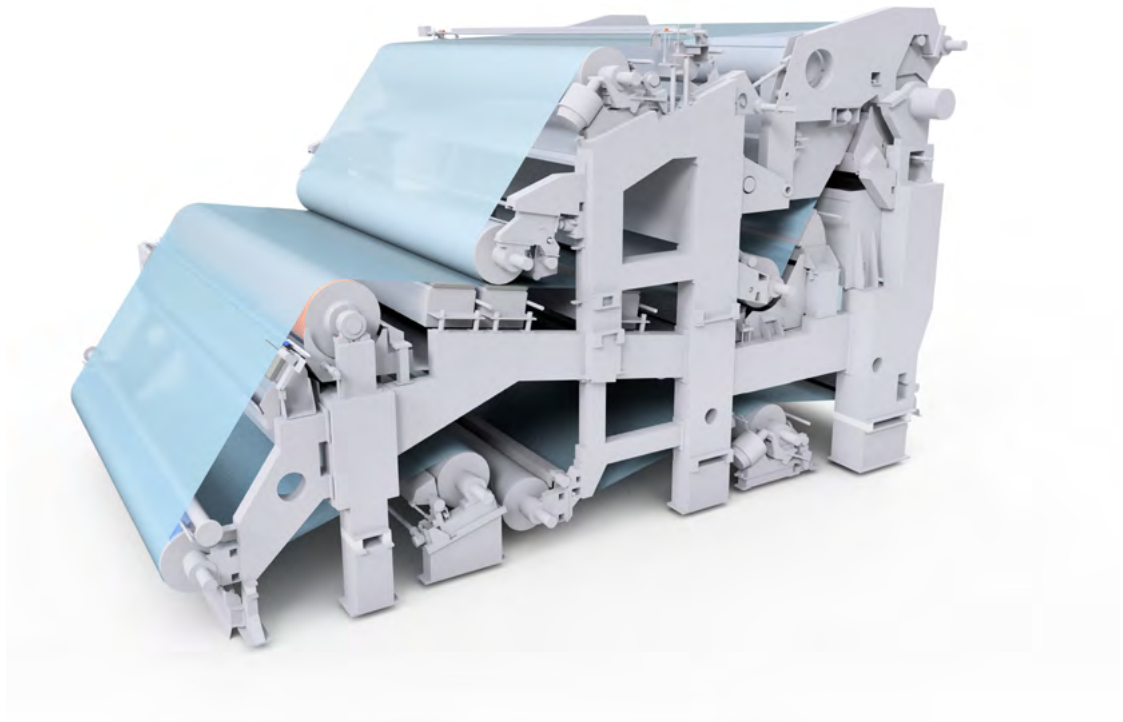
### Forming section




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Product range forming section



	Wire guide roll	Wire suction roll	Wire drive roll	Breast roll	Couch roll
<b>Rubber</b>	BlackStone Family	Magna Drive II	Magna Drive II MegaDrive	BlackStone S	MagnaForm II
<b>Polyurethane</b>	PolyDrive	PolyDrive	PolyDrive	–	PolyDrive
<b>Composite</b>	AiroGuide C WebMax	WebMax	AiroGuide C WebMax	WebMax	WebMax
<b>Thermal coating</b>	CeraForm S CeraGuide B CeraGuide Plus P	CeraVac	CeraGuide B CeraGuild Plus P CeraDrive	CeraGuide B CeraGuild Plus P	CeraVac

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