

To the press

Press release

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Polyurethane roll covers prove themselves at AS Estonian Cell

The pulp producer AS Estonian Cell in Estonia has been successfully using polyurethane press roll covers from Voith Paper for more than one year. The covers are used on the 6th press of the twin wire press section for pulp dewatering.

The SolarPress covers were first installed at AS Estonian Cell in June 2010. The previously installed rubber covers had worn to such an extent that they had to be replaced after only eight months running time. The abrasion had been caused by very high line loads and wire tension. After one year's application the SolarPress cover combination was not showing any significant abrasion and is able to be returned to operation without difficulty after a standard grinding. Currently, a second pair of SolarPress covers, which has been adapted to the requirements of AS Estonian Cell, is installed in the twin wire press. Supported by AS Estonian Cell, Voith Paper was able to optimize the crown of the roll covers during regular nip inspections so much so that present nip conditions are considered perfect.

Through the excellent cooperation between AS Estonian Cell and Voith Paper, the application of SolarPress has clearly extended the cover runtimes and has therefore been able to realize considerable cost savings.

Since April 2006 AS Estonian Cell produces high-quality Aspen bleached pulp for the paper industry with a capacity of 140,000 tons per year.

Voith Paper is a division of the Voith Group and the leading partner to and pioneer in the paper industry. Through constant innovations, Voith Paper is optimizing the paper manufacturing process, focusing on developing resource-saving products to reduce the use of energy, water, and fibers.

Voith sets standards in the markets energy, oil & gas, paper, raw materials and transportation & automotive. Founded in 1867, Voith employs almost 40,000 people, generates € 5.6 billion in sales, operates in about 50 countries around the world and is today one of the biggest family-owned companies in Europe.