



Cleaner felts. Cleaner runs.

Improve sheet quality and runnability with Felt Cleaning and Conditioning programs from Buckman.

When your felt fills, your press section fails. Energy demand increases. Excess water slows you down. Sheet crushing, breaks, holes, and a host of other issues reduce production. And downtime for batch cleaning can drain your mill of profit. Time to turn to Buckman. Our comprehensive Felt Cleaning and Conditioning programs address the full spectrum of contaminants that can undermine productivity. We keep your papermaking felts open, so you can keep press section performance at its peak.

Get superior felt chemistry from the world leader in deposit control.

Every grade of paper brings its own peculiar set of contaminants. Whether your felt is the victim of inorganics such as ash or organics like pitch or stickies, Buckman can establish a program to control the deposits and condition the felt for maximum quality and output. We'll test your felts and then determine the most effective batch, batch-on-the-fly, or continuous cleaning program for your press section.

Profit-boosting improvements

Buckman's felt programs, featuring our exclusive Busperse® line of chemistries, will help you:

- **Improve sheet quality:** By mitigating profile problems, reducing dirt in the sheet, and reducing the problem of holes, Buckman's solutions can significantly reduce rejects.
- **Reduce steam consumption:** Improved dewatering of the sheet means that some mills can redirect energy for other uses, including sending more power to the local utility.
- **Increase machine speed:** With a drier sheet, you'll be able to run faster and increase production.
- **Improve runnability:** You'll significantly reduce downtime and increase felt life.

A wide range of applications

Buckman Felt Cleaning and Conditioning programs can be designed for all paper grades and paper-making systems. They are especially effective for:

- Alkaline fine grades using calcium carbonate
- LWC and newsprint
- Virgin and recycled tissue and towel
- Recycled board
- Virgin and recycled linerboard

Not just cleaner felts—a cleaner environment, too

Buckman is leading the way with non-petroleum solvent cleaners. Our enzyme-based felt conditioners reflect our commitment to developing effective, greener technologies.

CASE STUDIES

Challenge: A mill producing corrugating medium was using an acidic product via batch-on-the-fly to increase water removal and increase speed. Wanting even better performance, they turned to Buckman.

Solution: We applied a multi-active Busperse cleaner program.

Results: Felt life was increased from 40 days to 50, saving the mill 2 felts per position per year. More significantly, the mill was able to increase production by 40 TPD.

Return on Investment: After cleaning program costs, the mill realized a yearly ROI of \$5,375,000!

Challenge: A machine producing alkaline fine paper was hampered by rapid fill with calcium carbonate and dyes, resulting in increased Uhle box vacuums, higher steam demand, reduced machine speed, and ultimately sheet defects and costly shutdowns for batch cleaning.

Solution: Buckman applied a Busperse chemistry specially formulated for these contaminants.

Results: Uhle box vacuums remained stable. The felts remained open allowing for reduced steam demand. The felts never threw water. And for the first time, no batch cleaning was needed during the run.

Return on Investment: \$530,350 annually.



Learn more

Let Buckman Felt Cleaning and Conditioning programs keep your felts open for business. For more information, contact your Buckman representative, or visit buckman.com.

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