

STICKIES CONTROL



**DON'T
LET
STICKIES**

hold back your mill

Break free
with Buckman
stickies control
technologies.

As adhesive technology becomes more and more complex and the demand for recycled content in your product grows, you are getting stuck with a bigger and bigger problem. Stubborn stickies in your mill.

They downgrade quality, reduce output, and cost a lot of money. In fact, stickies cost the pulp and paper industry tens of millions of dollars every year.

Buckman stickies control technologies can set your mill free. Our programs, including patented Optimize[®] and Optimize Plus enzymatic solutions, work to prevent microstickies from agglomerating into bigger ones and interfering with recycling, pulp, and paper machine operations. Use Optimize products alone or with Busperse[®] dispersants to send microstickies out with the whitewater. Or combine with Bufloc[®] fixatives to affix microstickies harmlessly to the fiber. Either way, you'll lose your stickies problem, not valuable production time.



Scan the QR code to see how Optimize[®] works on stickies.

For superior stickies control, stick with a leader in deposit control technology.

Buckman has invested years in research and development to bring paper mills advanced stickies control.

We address the full spectrum of contaminants, including acetates, acrylates, synthetic rubber, and other specialized glues. We test your furnish, analyze your deposits, and then attack your stickies problem with precision.

Our solutions include:

- Unique enzyme flotation aids designed for higher stickies removal
- Green, low VOC solvent products for forming fabrics
- Technology to control deposition on rolls
- Passivation products to treat forming fabrics
- Patented enzyme-based felt conditioners to control stickies in wet felts
- Patented enzyme products to reduce and control stickies
- Patented copolymer products to prevent re-agglomeration

Unique enzymes. Unique results.

Buckman's patented Optimize® and Optimize Plus enzymes are unique in the industry, able to reduce the size and loading of both micro and macrostickies in your system.

Effective

In conjunction with our organic detackifier, Optimize enzymes can:

- Reduce the size and quantity of stickies in your furnish
- Passivate any stickies that remain and keep them from combining and depositing in your system

Long-lasting

Patented stabilizers keep our enzymes fully functional and ready when you need them—even after a year!

Eco-friendly

Our enzyme-based solutions help reduce your impact on the environment. In fact, our Optimize technology is a past winner of the U.S. EPA Presidential Green Chemistry Challenge Award.

A wide range of applications

Our stickies control programs can be applied to all papermaking grades and systems using recycled furnishes.

They can work in conjunction with our unique pitch control programs to meet customer requirements in 100% recycle mills, mills that use a combination of virgin and recycled pulp, and mills that use deinked market pulp.

Profit-boosting benefits

Buckman stickies control technologies will provide effective stickies control so your mill can:

- Reduce downtime
- Increase machine runnability
- Reduce furnish costs
- Improve converting efficiency
- Increase brightness
- Decrease ERIC
- Improve sheet quality
- Reduce solvent usage
- Increase clothing life

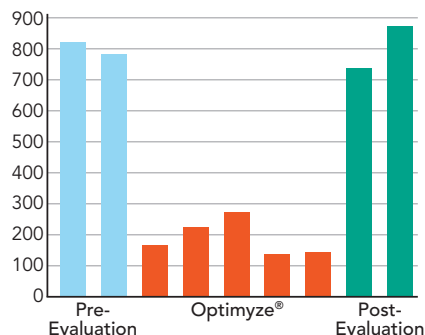


Case study

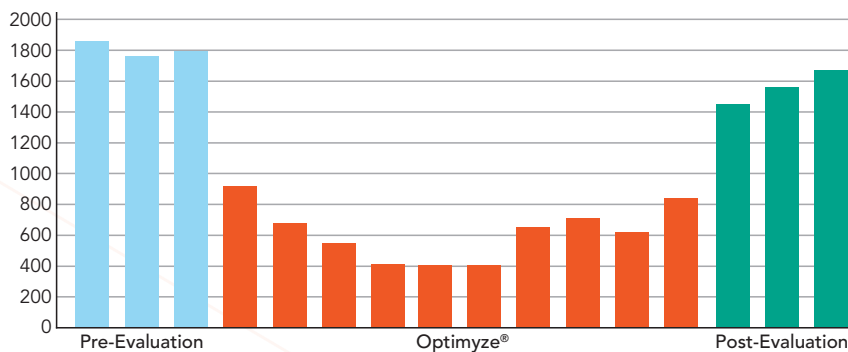
A newsprint mill using 100% recycled furnish turned to Buckman to help control a growing stickies problem that was reducing yield. After applying our stickies control technologies, the mill realized a major reduction in macrostickies, resulting in a 27% reduction in total breaks and a 1% increase in DI yield.

Estimated return on investment? **\$474,000 per year.**

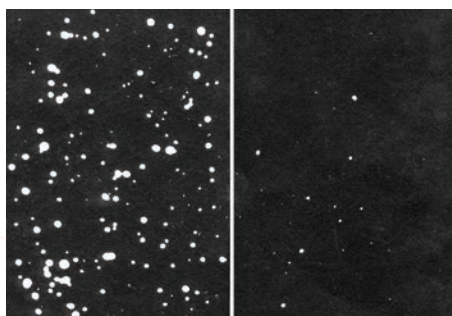
MOW Stickies Reduction



ONP Stickies Reduction



Stickies From a Recycle Furnish



Without Optimize®

With Optimize®

Learn more

Ready to stick it to your stickies problems once and for all? Find out more about Buckman stickies control technologies. Contact your Buckman representative, or visit us at buckman.com for more information.

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