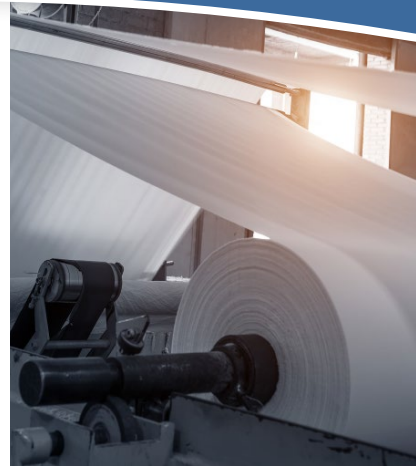


Recycle Tissue Manufacturers Across North America Improve Contaminant Control with ChemTreat Products

INTRODUCTION

ChemTreat offers solutions for the entire range of organic and inorganic contaminants. We employ technologies created for passivation, dispersion, detackification, and fixation. Below are just a few examples of how our process treatment programs have helped our paper customers improve their operations.



CASE 1

A major recycled tissue manufacturer located in Mexico has been using ChemTreat ST211 to prevent sticky deposition on felts and rolls with excellent results. The ST211 is applied via low-pressure fan showers to the felts and affected rolls. Since switching to ST211 from a competitor program approximately eight years ago, the mill was able to reduce product usage by 40 percent. Converting issues caused by sheet breaks have also decreased.

CASE 3

In the Northeast U.S., a recycled tissue/towel manufacturer experienced issues with calcium carbonate plugging of the suction breast roll. The problem was so severe that the roll had to be manually removed during outages, resulting in significant downtime. ChemTreat implemented a scale control program with ChemTreat CL4852, eliminating the need for cleanings. Our scale control products can also be used in a number of tissue/towel operations for scale prevention in vacuum pump systems.

CASE 2

Another recycled tissue manufacturer, this one located in the Southeastern U.S., trialed ChemTreat ST101 to prevent stickies in the wet end of the paper machine. The ST101 was fed in the machine chest pump at a dosage of 2–3 pounds/ton. As a result, the mill saw a 50 percent reduction in solvent usage, 60 percent reduction in rejects, and 30 percent less downtime for washup and cleanings.

CASE 4

A Midwestern recycled tissue mill experiencing scaling issues in their wire passivation system replaced a competitor's program with a ChemTreat product. Specially-blended chemical ST321 is formulated with a chelant to prevent scale formation and keep the forming fabric clean. The mill has been using this product for years to mitigate scale formation.