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Nextwire Enhances Stainless Steel Filter for Pulp Industry

Star City, AR – Nextwire LLC has a long history of identifying challenges in various industries and then applying more than five decades of technical weaving expertise to find the optimal solution. For example, the standard lime mud filter used in the pulp industry to filter water and air from the wet material is usually made with a 23x110 weave. Though the material is more durable than polypropylene alternatives, sealing the ends and longer times to form the mat were still issues for customers.

In 2003, Nextwire LLC specifically addressed these issues with the standard lime mud filter wire by reversing the commonly used 23x110 to a 105x23 weave. This strategic change to the 105x23 weave minimized the ripple and sealed the ends. While it improved the sheet formation time, it did not completely minimize it.

Nextwire recently advanced the innovation of this product by changing the mesh count to 105x28 and improving its method of installation. Although more labor intensive to produce, the enhanced quality decreases the time required to form the mat.

Additionally, customers report the benefit of a longer service life. Where they previously had to change out polypropylene fabric filters every 4-6 months, they now report getting up to two years of service out of Nextwire's lime mud filters that use the 105x28 weave. The filters also help prevent deterioration and damage to the equipment.

“While the 105x28 stainless steel filter has provided our customers with tremendous benefits, we don't plan to stop there,” said Charlie Brown, Vice President of Sales, Nextwire. “We are dedicated to continuously improving our model to find even better solutions for our customers.”

ABOUT NEXTWIRE

Nextwire is a broadloom weaving facility established in 1963 located in Star City, Arkansas. From wire cloth and woven fabrics to screens and belting products, Nextwire is a comprehensive source for the Pulp and Paper, Nonwovens, Corrugator, and Engineered Woods Industries. Specialized looms allow for weaving capabilities unique among our competitors, and we maintain an expansive array of material and product selection offerings. Nextwire offers full technical service, support and design with extensive inventories and available stocking programs ensure a rapid response to meet all customer needs. For more information, visit www.next-wire.com.