

Textile Cores



Sonoco is the global leader in high-quality packaging products for the textile industry, making tubes and cores for carpet, carpet yarn, cloth, draw-textured yarn and fiber production.

We engineer and produce the highest quality tubes for the production, storage, distribution and end-use of textiles. Our global network guarantees supply security and just-in-time delivery, and our broad range of textile tubes is engineered to meet customer demands for consistency, performance, value and today's faster winding speeds. We can also improve the efficiency of customer systems with features such as special surface treatments, grooves, notches and more.

Our automated manufacturing processes and stringent quality control initiatives help ensure our tubes meet customer specifications. Consistent quality improves winding, string-up and doffing efficiency along with overall productivity. For

applications requiring reusable carriers, we offer high-strength designs for maximum reuse. We focus on textile carrier technology that offers increased performance, quality, cost savings, as well as environmental benefits.

Recognized for a commitment to environmental sustainability, we use recycled paperboard in the construction of the majority of our tube and core products. By designing custom waste reclamation programs, we help customers reduce landfill fees and increase their environmental sustainability contributions.

Benefits

- **Increased productivity/capacity**
- **Opportunity cost/additional production**
- **Decreased labor costs**

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Tube identification

We offer surface treatments that allow for easy tube identification, including a variety of custom designs and specialized printing options.

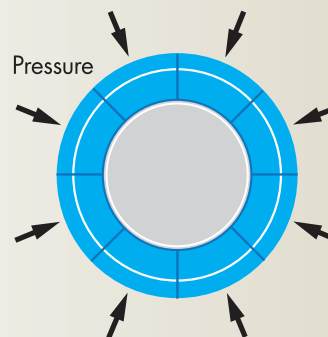
String-up efficiency

Yarn transfer/string-up is a critical component of the fiber producing process. A number of factors impact yarn transfer efficiency, including yarn tension, polymer type and quench air uniformity. One of the easiest ways to improve string-up efficiency is to use a high quality tube that is tailored to your specific operations. Our engineered textile cores deliver superior string-up performance on both traditional and state-of-the-art winding equipment.

Radial crush testing

With a commitment to new products and process innovations with both plastic and fiber tubes, cores, bobbins and spools, Sonoco continues to earn its reputation as the leading high-value packaging and services provider to the textile industry. We have worked with our customers to improve string-up efficiencies to the 99%-plus range.

We also pioneered radial crush testing so that we can simulate a core's performance under specific customer requirements. This patented testing method ensures optimum core performance and



protects internal diameter integrity during the winding process. And, with plants and textile-industry expertise spread around the world, Sonoco assures supply security and just-in-time delivery.

Advantages

- **Broad range of color and printing options for easy identification**
- **Optimized core strength to match manufacturing specifications**
- **Custom scoring, notches and grooves to enhance string-up efficiency**
- **Dimensional stability to facilitate smooth winding and unwinding**
- **Special surface finishes for exact performance requirements**