



Coating Tomorrow's Innovations

Cotton

Trelleborg offers a wide variety of substrates, providing a myriad of possibilities to expertly pair material properties to customers' specific applications needs. Our substrates can be knitted, woven or non-woven depending on the specific performance attributes required for a given application.



Cotton is the most widely used fiber in textile production today. Ancient artifacts from historic sites in Asia, Egypt and Latin America suggest it was also popular as far back as 6000 BC. With a known history of around 8,000 years, cotton has stood the test of time.

Its significance to the advancement of industry is immense.

Properties	Value
Tensile Strength (MPa)	230
Elongation at Break (%)	8
Specific Gravity	1.54

Substrate/Fiber Characteristics

- Natural cellulosic fiber
- Good abrasion resistance
- Good adhesion to rubber compounds
- Excellent resistance to alkalis but degrades in hot acids

Common Substrate/Fiber Uses

Industrial products, latex glove, lining, printing blankets, filler/strengthening agent for rubber compounds, colorant fibers for paper and plastic, construction joint tapes, flocking and medical



At Trelleborg, our eyes are on tomorrow as our in-house expert technical teams work in partnership with an increasing range of customers to bring industry-changing ideas to actualization with coated materials- whether it's your concept or ours.
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