

Coating Tomorrow's Innovations

Fiberglass

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.



Fiberglass was first used in the 1930s for home furnace filters and insulation. Fiberglass also is used to insulate pipes and appliances, for sound control in aircraft and automobiles, and in curtains, roofing material, and some plastics.

Properties	Value
Tensile Strength (MPa)	2250
Elongation at Break (%)	5
Specific Gravity	2.54

Substrate/Fiber Characteristics

- High tensile strength, excellent resistance to heat, and flame resistance
- Electric-insulating
- Doesn't absorb water and is resistant to acid and other chemical agents

Common Substrate/Fiber Uses

Insulators and heat-insulating materials, washing machines, refrigerators, reinforced plastic, building materials, etc.



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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