

Rail & Mass Transit



Coated Materials for Reliable Transportation

Trelleborg Engineered Coated Fabrics deliver innovative CSM and silicone coated material solutions for rail and mass transit applications worldwide.

Our advanced coating and lamination technologies help manufacturers and operators meet the demands of modern rail transportation by delivering durable, compliant solutions that enhance passenger comfort and long-term performance across a wide range of rail applications.



Durability that Performs

- High abrasion resistance
- Excellent flex fatigue resistance
- Noise dampening characteristics
- Long service life
- Flexible and lightweight construction

Built for Safety

- Available in CSM and silicone constructions
- Flame-retardant material options
- Compliance with major rail safety standards
- REACH compliant solutions

Applications

- Gangway Bellows
- Flexible HVAC Ducting
- Rail Interior Systems
- Passenger Comfort Solutions
- Transit Air Distribution Systems



Engineered for Performance



Validated Through Rigorous Testing
Trelleborg materials undergo extensive testing to verify performance and reliability in demanding rail applications, including:

- Tensile Strength
- Tear Strength
- Peel Strength
- Abrasion Resistance
- Elongation at Break
- Hot Air Aging
- Ozone Resistance
- Cold Temperature Performance
- High Temperature Stability
- UV & Color Fastness Testing
- Thickness Verification
- Global Fire Standard Compliance

Supporting Passenger Comfort
Our coated materials are also used in flexible HVAC ducting systems designed to enhance passenger comfort through:

- Efficient air distribution
- Noise reduction
- High-temperature performance
- Long-term durability
- Compliance with DIN, NFPA, and EN railway requirements



Trelleborg is a world leader in engineered polymer solutions that protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way. In 2023, The Trelleborg Group had annual sales of approximately SEK 34 billion in around 40 countries. The Group comprises three business areas: Trelleborg Industrial Solutions, Trelleborg Sealing Solutions and Trelleborg Medical Solutions. The Trelleborg share has been listed on the Stock Exchange since 1964 and is listed on Nasdaq Stockholm, Large Cap.

[www.trelleborg.com /engineered-coated-fabrics](http://www.trelleborg.com/engineered-coated-fabrics)

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