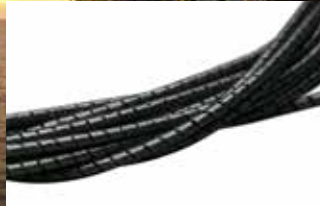


Oil & Gas Composites



Integrating high-performance structures in extreme environments.

At Trelleborg Sealing Solutions, we're experts in innovating and producing high-performance composite parts. Our solutions bring additive manufacturing technology to advanced composites, creating customized parts for critical applications in demanding environments around the world.

Trelleborg Sealing Solutions offers unique composite solutions for a variety of downhole, subsea and other oil and gas applications. Our engineers and technical sales teams work closely with customers to understand their needs and develop a joint solution, from prototyping to manufacturing. Starting with high-performance raw materials, our structures are manufactured through an automated process to ensure confidence in performance.

Compared with traditional metals, plastics and thermoset composites, thermoplastics offer superior strength-to-weight capabilities and possess better fatigue properties.

Materials and Structures:

- Continuously-reinforced thermoset and thermoplastic composites
- Neat resins
- Ceramics
- Integrated electronics
- Liners
- Metallic end fittings

Features and Benefits:

- Offers electromagnetic radiation transparency
- Provides electrical isolation
- High strength-to-weight ratio
- Non-corrosive
- Exceptional fatigue resistance
- High impact tolerance

Application Examples:

- Antenna shields
- Anti-extrusion springs and seal components
- Bearings
- Gap sub sleeves
- LWD/MWD sleeves
- Packers

Trelleborg is a world leader in engineered polymer solutions that seal, damp and protect critical applications in demanding environments. Its innovative solutions accelerate performance for customers in a sustainable way.

Trelleborg Sealing Solutions is a leading developer, manufacturer and supplier of precision seals, bearings and custom-molded polymer components. It focuses on meeting the most demanding needs of aerospace, automotive and general industrial customers with innovative solutions.

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