

CAS FRP COMPOSITES LLP

About Us

CAS FRP COMPOSITES LLP is a newly established carbon fabric manufacturing unit based in Silvassa, Dadra Nagar and Haveli (UT of India) near Vapi, Gujarat. It is Technical Textile division of Simplex Textiles, Bhiwandi, Mumbai – Maharashtra with a commitment to innovation and quality, we specialize in producing high-performance carbon fibre fabrics for diverse industrial applications, including aerospace, automotive, sports equipment, and construction.

Our Mission

To deliver world-class carbon fabric solutions that enhance durability, strength, and sustainability across industries while maintaining eco-friendly and efficient manufacturing practices.

The establishment of this unit stems from the increasing demand for lightweight, durable, and high-strength materials. With the global carbon fabric market projected to grow exponentially, the initiative aims to position India as a key player in this niche sector. The facility integrates cutting-edge technology and sustainable manufacturing processes to ensure high-quality output with minimal environmental impact.

State-of-the-Art Infrastructure and Technology –

The plant is equipped with:

Specially developed rewinding machine for Carbon Fibre ensuring uniform winding tension from start to end of package. Specially developed godets and counting mechanism ensures equal length packages giving less than 1.0 % leftover after creel completion.

Advanced Weaving and Slitting Technology: Ensuring precision in fibre alignment for superior mechanical properties.

Effective Quality Control Systems: Enhancing consistency and minimizing defects.

Eco-Friendly Processing: Well-conditioned weaving hall to maintain required temperature during fabric manufacturing.

Utilizing energy-efficient machinery and optimized waste management systems.

Why Choose Us?

- State-of-the-art manufacturing facility in Silvassa near Vapi, Gujarat
- Advanced technology ensuring precision and consistency
- High-quality carbon fabric tailored to industry needs
- Commitment to sustainable and efficient production

As we embark on this journey, we aim to become a trusted partner for businesses seeking premium carbon fibre fabric solutions.

For inquiries, partnerships, or more details, contact us at:

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