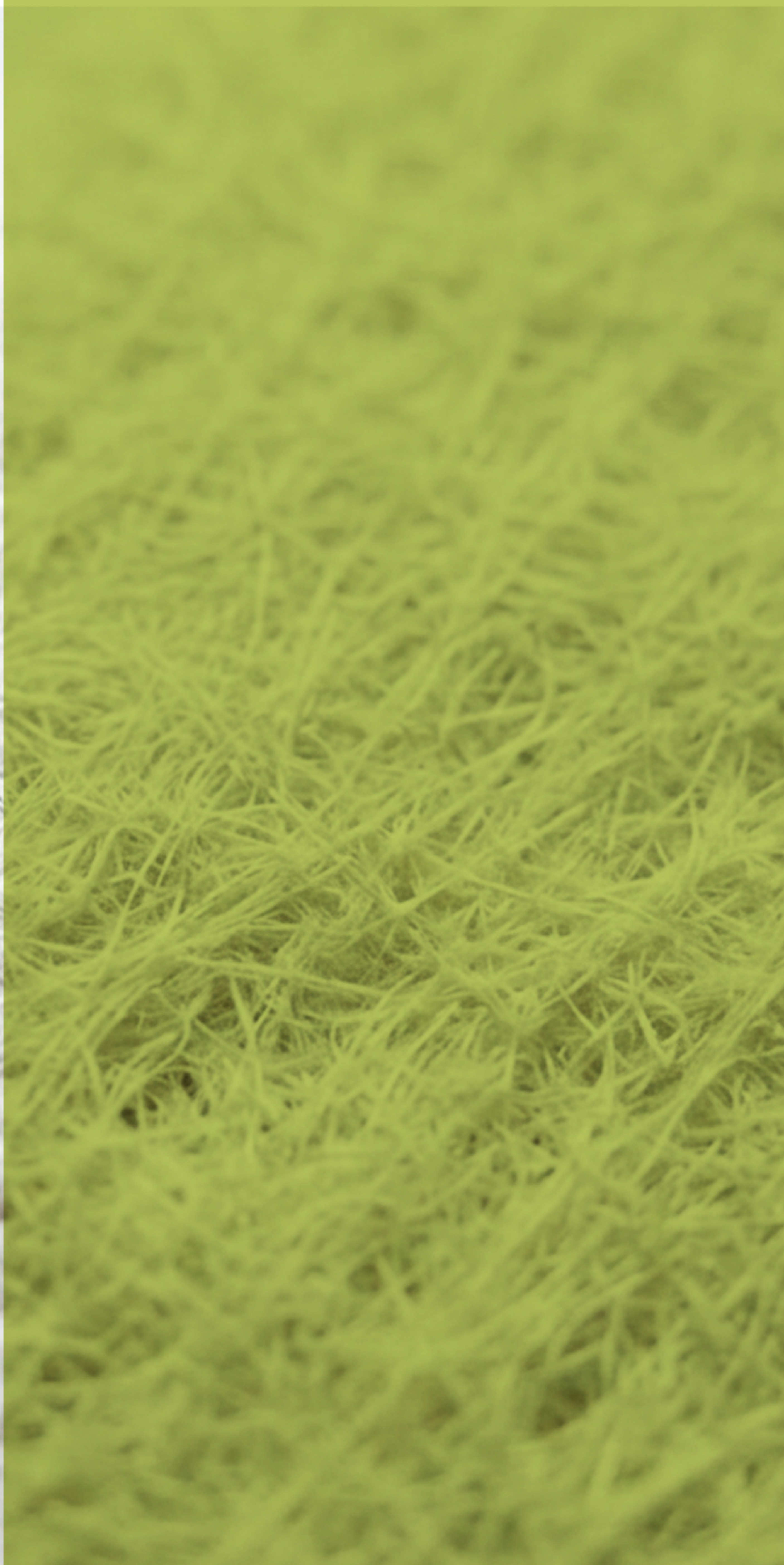




An ISO 9001:2015 organisation



Precision. Performance. Protection.

Leading Indian manufacturer of glass fibre needle mats and advanced insulation materials since 2008.

ABOUT US

Established in 2008, GUJWOOL Glassfibre Composites has grown into a premier manufacturer of high-performance thermal insulation. We specialize in engineering materials that offer exceptional thermal stability and mechanical strength for extreme operating environments.

WHY PARTNER WITH GUJWOOL?

- ✔ **15+ YEARS OF EXPERTISE:**
Deep-rooted manufacturing experience in composite materials.
- ✔ **CUSTOM ENGINEERING:**
We don't just sell products; we develop solutions tailored to your technical requirements.
- ✔ **GLOBAL STANDARDS:**
Automotive OEM supply ready with export-compliant packaging.
- ✔ **VERSATILE APPLICATIONS:**
Catering to everything from industrial furnaces to aerospace heat shields.



CUSTOMIZATION CAPABILITY

Beyond standard rolls, we provide value-added processing:

- ✔ **PRECISION CUTTING:**
Die cutting and CNC profiling.
- ✔ **FINISHING:**
Aluminum foil facing and adhesive backing.
- ✔ **LAMINATION:**
Multi-layer composite lamination.



SUSTAINABILITY AND INNOVATION

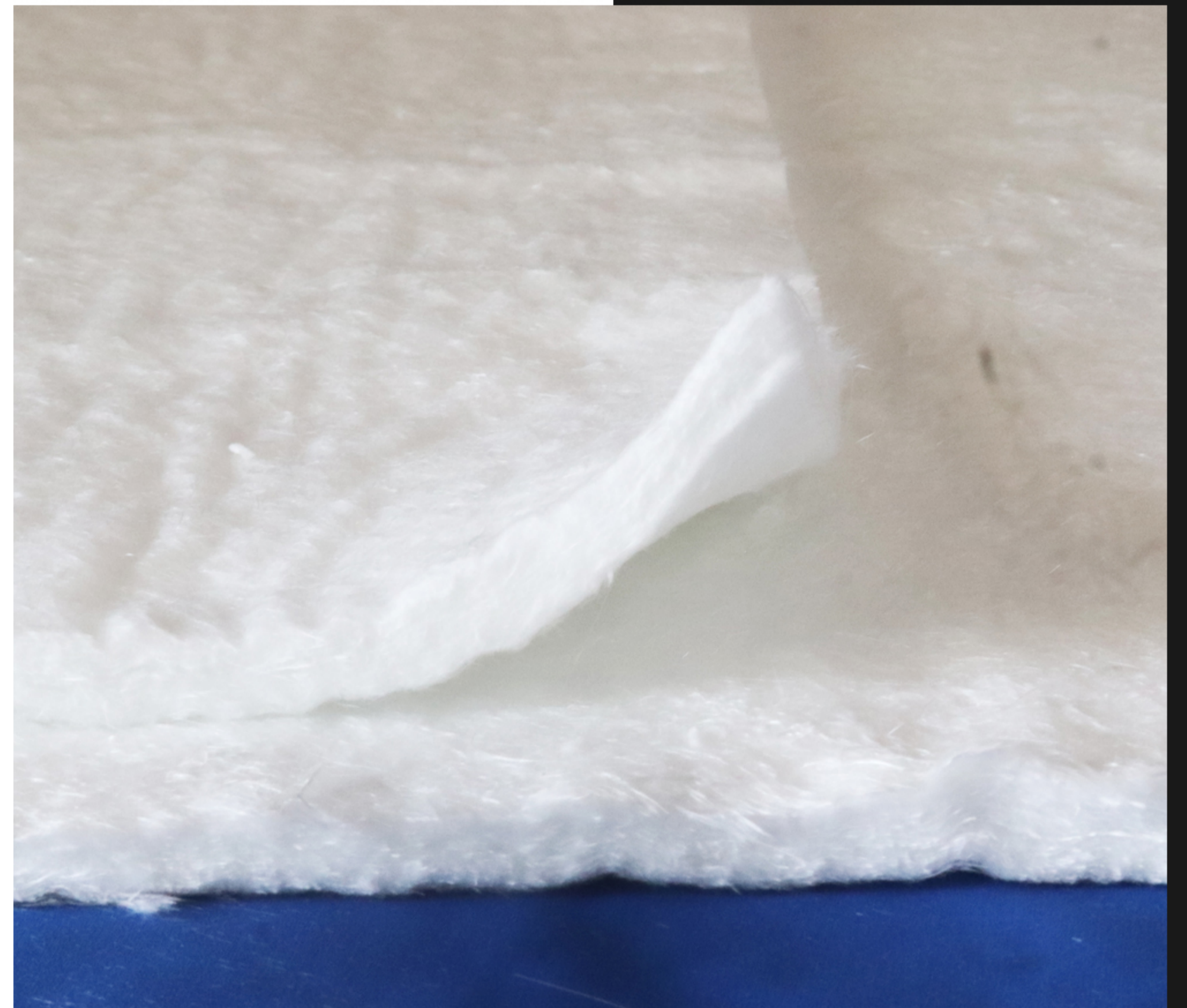
We are committed to responsible manufacturing through:

- ✔ Binder-free production to eliminate toxic emissions.
- ✔ Energy-efficient production processes.
- ✔ Quality standards guaranteed

GUJWOOL S-SERIES (Silica Fibre Needle Mat)

A high-temperature nonwoven insulation material manufactured by mechanically bonding silica fibres into a uniform, binder-free structure. This process creates a strong, flexible, and dimensionally stable insulation blanket without the use of chemical binders.

Standard silica fibre needle mats generally contain SiO_2 , providing an optimal balance between high-temperature resistance and cost efficiency.



TECHNICAL SPECIFICATIONS:

Fibre Type S-Glass	Width 1000 – 1200 mm
Temperature Resistance Up to 800°C	Roll Length As per requirement
Thickness 3 – 25 mm	
Density 140 kg/m ³	

KEY FEATURES:

- ✓ Better resistance to corrosion, particularly when exposed to water or highly alkaline environments.
- ✓ Higher heat resistance, allowing it to maintain structural integrity at temperatures where E-glass might begin to fail.

TYPICAL APPLICATIONS



Aerospace thermal systems



High-performance automotive components



Metallurgical Industry



Defence insulation systems



Petrochemical Industry



+91 22 4270 7777



info@gujwool.com



www.gujwool.com

STANDARDIZED TESTING & GLOBAL COMPLIANCE

Our materials undergo rigorous validation to ensure they meet the highest international safety and performance benchmarks.

✔ ASTM Standards

✔ EN Standards
(European Equivalent)

✔ ISO Test Methods

COMPREHENSIVE QUALITY ANALYSIS INCLUDES:

✔ Thermal Conductivity

✔ Tensile Strength

✔ Density Test

✔ Fiber Diameter Analysis

✔ pH Test

✔ Chloride & Sulphur Content

✔ LOI (Loss on Ignition)

✔ VOC Emission Testing

✔ Fire Resistance Testing

PRODUCT APPLICATIONS



Automotive



Aerospace



Marine



Power Generation



Construction



Railways




Industrial OEMs



GUJWOOL

MANUFACTURER OF E GLASS FIBRE NEEDLE FELT

TM

 PROUDLY MADE IN INDIA

READY TO ENGINEER YOUR SOLUTION?

Whether you require standard insulation or a custom-developed composite, our technical team is ready to assist.



A/112, Sagar Tech Plaza, Andheri (E),
Mumbai - 400072, Maharashtra, India



+91 98209 50620 | +91 22 4270 7777



info@gujwool.com



www.gujwool.com

Global Supply Ready We offer export-compliant packaging and logistics support for international industrial OEMs.