



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

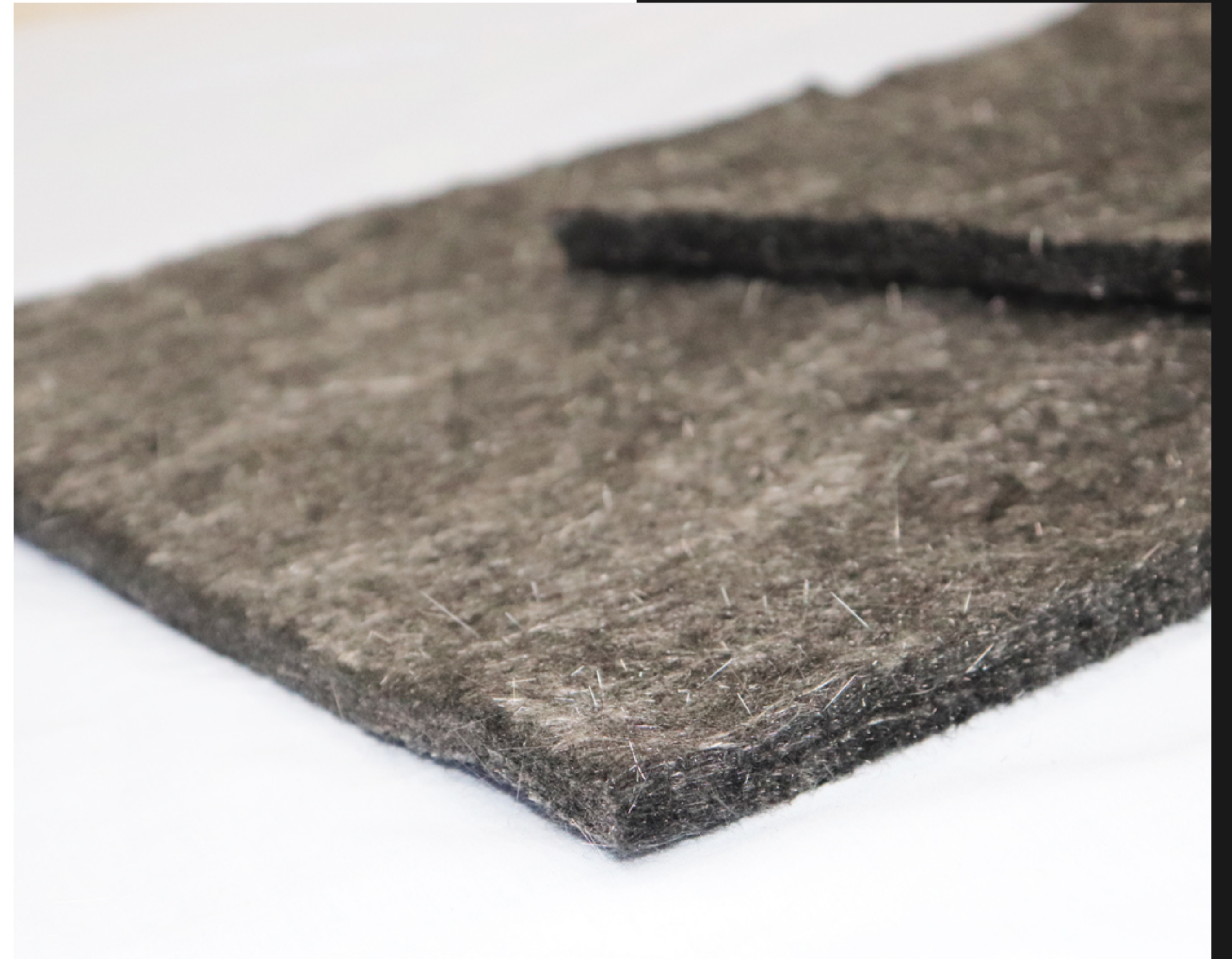
We are committed to responsible manufacturing through:

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

GUJWOOL TP-SERIES (PP + Glass Fibre Needle Mat)

A hybrid thermoplastic composite mat composed of polypropylene (PP) reinforced with glass fibres. It is specifically designed for thermoforming and compression moulding applications, offering a lightweight yet structural & interior solution.

This material provides excellent impact resistance while maintaining recyclability and ease of processing.



TECHNICAL SPECIFICATIONS:

Material	Length
PP + Glass Fibre	10 - 20 m
Thickness	
3 - 25 mm	
GSM	
800 - 2600	
Width	
800 - 2400 mm	

KEY FEATURES:

- ✓ Lightweight thermoplastic composite
- ✓ High impact resistance
- ✓ Excellent NVH (Noise, Vibration, Harshness) performance
- ✓ Suitable for moulded and shaped parts

TYPICAL APPLICATIONS



Automotive door panels and trunk liners



Underbody shields



Interior structural reinforcements



Construction composite panels



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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.



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