



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:

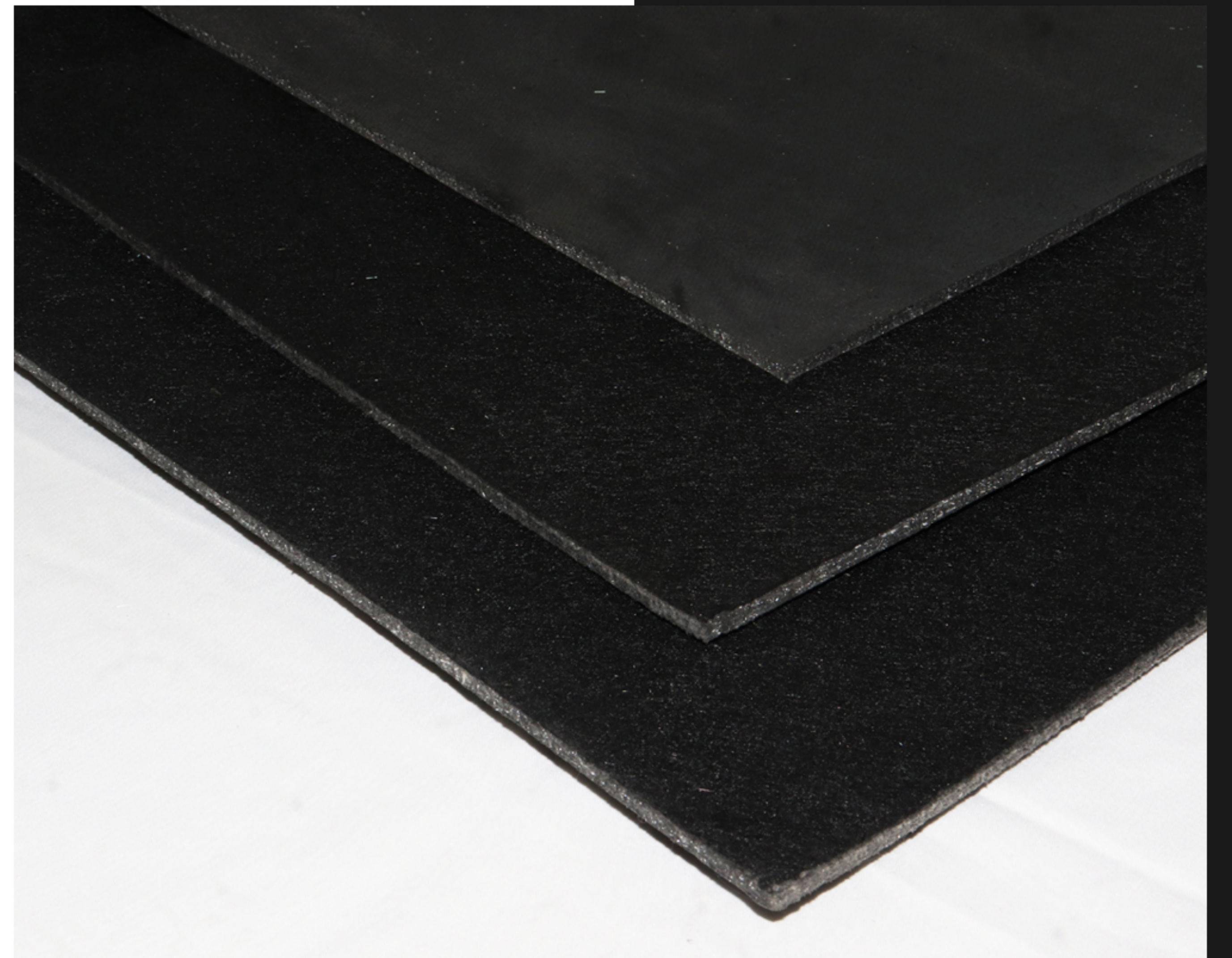
- ✔ Binder-free production to eliminate toxic emissions.
- ✔ Energy-efficient production processes.
- ✔ Quality standards guaranteed

# GUJWOOL™ LW-SERIES

## (Reinforced Thermoplastic Sheet)

Lightweight composite sheets made from polypropylene reinforced with glass fibres. These panels are engineered to replace heavy metal or conventional plastics while delivering high stiffness and impact resistance.

The material can be thermoformed into complex shapes, making it highly versatile for transportation and construction industries.



### TECHNICAL SPECIFICATIONS:

Material	Length
PP + Glass Fibre	1 m x 2.4 m
Thickness	
2, 3, 5	
GSM	
1000 – 2200	
Max Width	
1700 mm (Customizable after Confirmation)	

### KEY FEATURES:

- ✓ 30–50% lighter than traditional metal components
- ✓ Excellent mechanical strength
- ✓ Corrosion resistant
- ✓ Good acoustic damping performance
- ✓ Easy thermoforming capability

### TYPICAL APPLICATIONS



Automotive interior applications



Electric vehicle battery protection covers



Bus and railway interiors



Modular construction systems



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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.