

## Product Overview :

Ceramic fiber paper is a lightweight, flexible, and high-performance insulation material. Designed to withstand extremely high temperatures, ceramic fiber paper provides excellent thermal insulation and is particularly suitable for applications where space constraints require thin insulation layers. It is used across various industries, including aerospace, automotive, and industrial manufacturing, for its outstanding thermal properties and ease of use.



## Key Points :

**High-Temperature Resistance:** Ceramic fiber paper can withstand temperatures up to 1427°C (2600°F), making it ideal for extreme heat environments.

**Low Thermal Conductivity:** The paper's low thermal conductivity ensures efficient insulation, minimizing heat loss and enhancing energy efficiency in industrial applications.

**Flexibility and Ease of Use:** Its flexible nature allows for easy installation, cutting, and shaping, making it suitable for wrapping and gasketing in tight or irregular spaces.

**Lightweight:** Despite its robust thermal properties, ceramic fiber paper is lightweight, facilitating easy handling and installation.

# CERAMIC FIBER PAPER



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## Applications:

**Gasketing and Sealing:** Ideal for creating seals in heating equipment, offering both flexibility and durability in high-temperature environments.

**Electrical Insulation:** Serves as an insulating layer in electrical appliances, protecting against heat and ensuring operational safety.

**Automotive Exhaust Systems:** Used in exhaust wraps and heat shields, offering thermal protection and preventing heat transfer to sensitive parts.

**Aerospace:** Used to wrap sensitive components, protecting them from heat in extreme environments.



## Advantages:

**Energy Efficiency:** Reduces heat loss significantly, contributing to lower energy consumption in high-temperature processes.

**Durability:** Withstands repeated thermal cycling and chemical exposure, ensuring long service life.

**Safety and Environmental Compliance:** Manufactured without harmful substances, making it safe for use in diverse industrial settings.

## Technical Specifications:

**Temperature :** 1260°C(2300°F) and 1425°C(2597°F)

**Width:** Standard widths include 610mm and 1200mm, with custom sizes available upon request.

**Thickness:** Available in thicknesses ranging from 0.5mm to 6mm, accommodating various application needs.

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