

## Ceramic Fiber Paper



### Description:

Kaowool Paper is manufactured from high purity refractory fibresand designed for high temperature insulation. Advanced productiontechniques ensure uniform fibre distribution and close controf thickness and density.Kaowool Paper is produced from Alumina-Silicate fibres with theminimum addition of carefully selected bonds, which burn out cleanly in service.

### Typical applications:

1. Insulating thermal break
2. Insulating gaskets
3. Expansion joints
4. Parting media
5. Die cut gaskets for domestic appliances
6. Thermal barriers for vehicles (silencers, catalytic exhausts and heat shields)
7. Molten metal seals and gaskets
8. Fire protection

### Features:

1. Good resistance to tearing
2. High flexibility
3. Low shot content
4. Low shot content
5. Precise thickness
6. Resistant to thermal shock
7. Very low thermal conductivity

### Availability and Packaging:

Kaowool Paper is available in standard roll sizes of500, 610, 1000 and 1220mm wide. It is available in the following thicknesses and standard lengths.

| Thickness (mm) | Length (m) |
|----------------|------------|
| 0.5            | 80         |
| 1.0            | 40         |
| 1.5            | 30         |
| 2.0            | 20         |
| 2.5            | 20         |
| 3.0            | 15         |
| 4.0            | 10         |
| 5.0            | 10         |
| 6.0            | 10         |

**Specification:**

| Main performane               | Brand |       |
|-------------------------------|-------|-------|
|                               |       |       |
| Classification temperature °C | 1260  | 1400  |
| Melting point (minimum) °C    | 1760  | 1760  |
| Bulk Density (minimumkg/m3)   | 210   | 210   |
| Chemical composition %        |       |       |
| SiO2                          | 52    | 46-52 |
| Al2O3                         | 47    | 48-54 |
| Other                         | 1     | <5    |