

Data sheet

# FireMaster® Paper

## Description

**FireMaster® Paper is a thin, non-combustible and flexible fire insulation material manufactured using Morgan Advanced Materials Superwool PLUS fibre together with selected binders.**

Supplied in roll form, the paper is ideal for use as a fire resistant gasket or similar uses in critical fire protection applications where a non-combustible product must be used, such as IMO A-Class fire rated constructions.

## Product Properties

- Class A1 in accordance with EN 13501-1
- Non-Combustible in accordance with IMO FTP Code Part 1

## General Properties

- Colour: White
- Density Range: 190 - 210 kg/m<sup>3</sup>
- Tensile Strength: (EN 1094-1) (MPa) >0.40
- Loss on Ignition % <4
- Linear Shrinkage at 1000°C % <2

## Thermal Conductivity (ASTM C201 Method)

Mean Temperature °C	Thermal Conductivity (W/mK)
200°C	0.05
400°C	0.07
600°C	0.11
800°C	0.16
1000°C	0.23

## Availability

Thickness range 0.5mm to 3mm in rolls up to 1220mm wide. Available also in strip form from 10mm width.

Thickness (mm)	Roll Length (m)
0.5	80
1.0	40
2.0	20
3.0	15




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Whilst the values and application information in this datasheet are typical, they are given for guidance only. The values and the information given are subject to normal manufacturing variation and may be subject to change without notice. Morgan Advanced Materials – Thermal Ceramics makes no guarantees and gives no warranties about the suitability of a product and you should seek advice to confirm the product's suitability for use with Morgan Advanced Materials - Thermal Ceramics.

**SUPERWOOL®** is a patented technology for high temperature insulation wools which have been developed to have a low bio persistence (information upon request). **SUPERWOOL®** products may be covered by one or more of the following patents, or their foreign equivalents:

**SUPERWOOL® PLUS** and **SUPERWOOL® HT** products are covered by patent numbers: US5714421 and US7470641, US7651965, US7875566, EP1544177 and EP1725503 respectively.

A list of foreign patent numbers is available upon request to Morgan Advanced Materials plc.

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