

# COOPERKNIT<sup>®</sup>

## TECHNICAL DATA

Cooperknit blanket is a cost-effective knitted, silica fibre with many user benefits including reusability, long life and low risk to user health and safety, and minimal skin irritation compared with most other high-temperature insulating fibres. Independent tests on Cooperknit have shown that no respirable fibres were found in any samples after exposure to 1000°C for 24 hours. Cooperknit can be used repeatedly at continuous operating temperatures up to 950°C without loss of thermal or mechanical properties. Cooperknit is available in a range of standard mat sizes detailed below, we are also able to supply special mat sizes or configurations to meet your exact requirements. Alternatively, Cooperknit is also supplied in 7.5m long rolls.

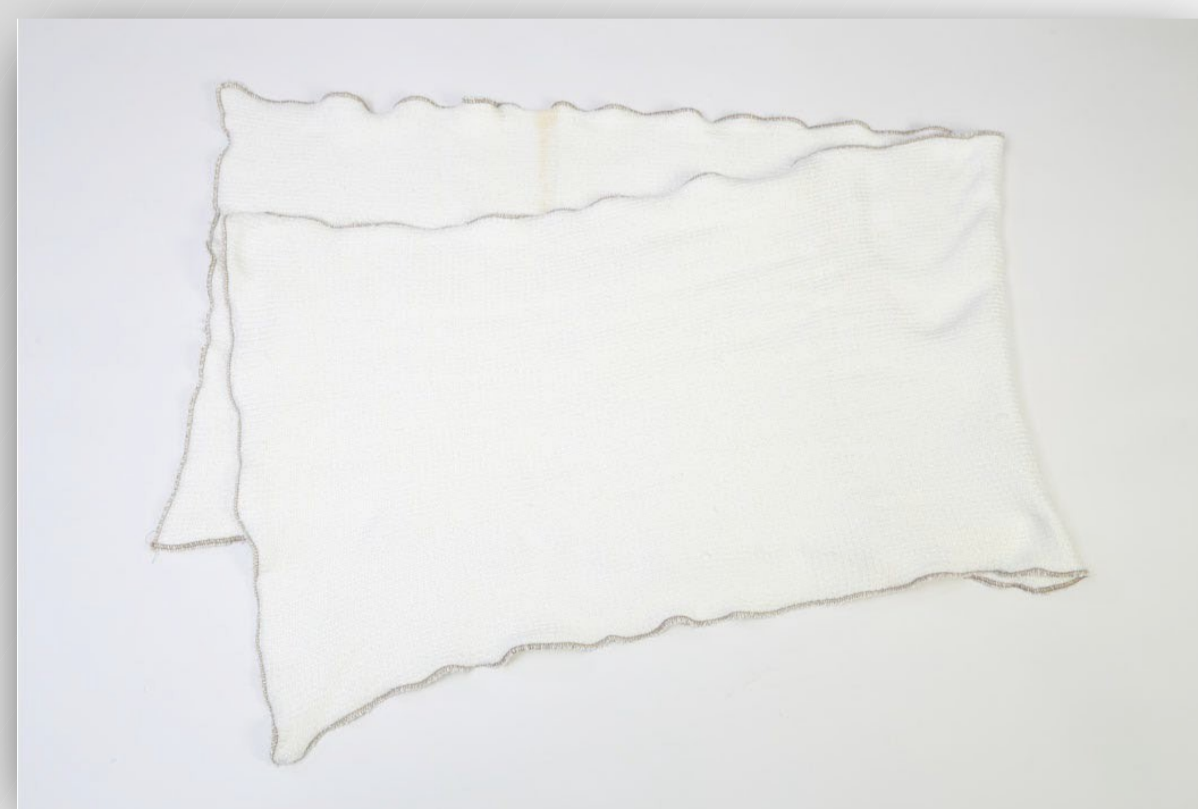
**Part Number: 29699**

- EXCELLENT TEMPERATURE RESISTANCE
- HIGH THERMAL RESISTANCE
- OPERATOR FRIENDLY/EASE OF USE
- CONTAINS NO CHEMICAL BINDERS
- REUSABLE
- GOOD HANDLE/DRAPEABILITY

\*Independent tests on Cooperknit have shown no respirable fibres after exposure to 1000°C for 24 hours.

### TECHNICAL PROPERTIES

Values are nominal	
Weight (g/m <sup>2</sup> )	2400
Thickness (mm)	12.5
Silica content (minimum)	96%
Maximum continuous operating temperature	950°0
Melting temperature	1600°C
Thermal conductivity @ 400°C (W/m K)	0.143
Shrinkage @ 950°C	12%
Width (mm)	610
Roll length (metres)	7.6



**FABRICS CONTAIN NO ASBESTOS OR RESPIRABLE FIBRES**

UK PATENT NO. 9101444.9

EUROPEAN PATENT NO. 0568561