



VESUVIUS[®] NEOMELT

661 WILLET ROAD
BUFFALO, NEW YORK 14218-3761

COREWEAVE

ASBESTOS FREE CLOTH

Coreweave is a high strength, fiberglass yarn being recommended as a slip plane medium for coreless induction furnaces. Coreweave can also be used as a high-temperature textile where resistance to flame and heat transfer is required.

Coreweave is manufactured from fiberglass yarns making it exceptionally durable and dimensionally stable. Its resistance to abrasion and tearing is better than asbestos cloths making it ideal for this application.

PROPERTIES OF FIBERGLASS

SPECIFIC GRAVITY.....	2.54 gms/cc	
TENSILE STRENGTH.....	500,000 psi @ 72°F	
BREAKING ELONGATION.....	< 5%	
ELASTIC RECOVERY.....	100%	
WATER ABSORBENCY.....	< .5%	
DIELECTRIC STRENGTH.....	260 volts/mil. @ 190 mil.	
thick	
DIELECTRIC CONTENT @ 72°F.....	60 Hz	6.5 - 6.8
10 ⁶ Hz	6.3 - 6.7
AVAILABILITY.....	Length	- 50 yds.
Width	- 40 in.
Thickness	-.060 in.

TYPICAL APPLICATIONS

- Slip plane medium for coreless induction furnaces
- Welding curtains
- Replacement for asbestos cloth

The information contained in this data sheet has been determined through the application of accepted engineering practice and is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results to be obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will make your own tests to determine the suitability of the product for your particular use.