

MICA

Mica Flexible



Description

This fire-proof Mica paper is made by bonding phlogopite, muscovite mica paper with supporting materials. This results in a material that is very flexible and easy to wind on to narrow conductors.

Applications

It is suitable to use as a heat resistant barrier for fire-proof cables, and other industrial high temperature insulation applications.

Specifications

Technical Data

Specific gravity (ASTM D-792)	1.20
Thickness	0.020"
Tensile strength (ASTM D-638) (psi)	9000/9500
Tensile strength (N/cm)	Min 59
Flexural strength (ASTM D-790) (psi)	13 500
Breakdown voltage (KV)	5
Compressive strength (ASTM D-695) (psi)	12 500
Hardness, M Scale (ASTM D-785)	70
Shear strength (ASTM D-732) (psi)	6000/10 000

Coeff. Thermal Exp. (ASTM D-696) $\text{In/In/}^{\circ}\text{F} \times 10^{-6}$

3.75 x 10

N.B. The information presented may differ from practice. We recommend conducting tests according to the conditions of use. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products. The data is subject to certain variations without notice.