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FIBERGLASS / EPOXY / SILICONE / MELAMINE

## NEMA G7



### Description

The G7 is a utility grade, glass fabric combined with a silicone resin system. It offers excellent mechanical and electrical characteristics, as well as high temperature insulative properties. This material can withstand short-term exposure temperatures of up to 1112°F and continuously up to 428°F.

### Applications

It is used in most heating, appliance insulation and some bearing applications.

### Specifications

#### Technical Data

Specific gravity	1.88
Tensile strength (psi)	18.000
Hardness, M Scale	100
Bonding strength (lbs)	600
Dissipation facteur @ 1 MHz	.002
Electric strength - volt / 1000	350
Flammability rating	V-O
Continuous temperature	428 °F (220 °C)
Maximum temperature	1112°F (600°C)

Water absorption %

0.19

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.