

IPOTEC

Innovation in Polymer Technology

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TECHNICAL DATA:

GSUP SILICONE / FIBERGLASS PROTECTION SLEEVING

Typical Properties

<u>Property</u>	<u>Value</u>
Fiberglass	Electrical grade fiberglass, free from impurities
Silicone Rubber Coating	A-A-59588 (formerly MIL-ZZ-R-765E) Class 2A
Dielectric Strength	Minimum 4kV.
Service Temperature	normally -40°C to 250°C; high temperature grade 300°C
Insulation Temperature Class	H (IEC 34-18-1)
Oil and Fuel Resistance	No effect with short term exposure (splash resistant)
Chemical Resistance	Excellent resistance to water, alcohols, cleaning agents, dilute acids and alkalis. Good resistance to short term steam exposure for sterilization / cleaning
Other	Excellent resistance to ozone, UV, gamma radiation and general weathering.
Flammability	Self extinguishing when tested to UL 1441 VW-1 or UL94 V-0

Unless specifically stated data relates to general-purpose materials. Some properties of special grades may differ. Information provided in this data sheet is indicative and is given in good faith but without warranty, express or implied. Whilst test results are deemed to be reliable, performance of these products is dependent on conditions of use and it is the responsibility of the user to determine suitability for a particular application.