

Varglas Hermetic Sleeving

Copolymer Coated Fiberglass Sleeving

Class 130 (-25°C to +130°C) (-13°F to +266°F)

Description

Varglas Hermetic Sleeving is produced by coating braided fiberglass with a highly-crosslinked, modified acrylic copolymer that is extremely flexible yet very tough and abrasion resistant. It is highly resistant to refrigerants, at both high and low temperatures, and compatible with potting compounds and varnishes. Varglas Hermetic Sleeving offers good resistance to thermal shock and is unaffected by most common oils including xylol/paraffin oil (50/50 mixture by volume), refrigeration lubricants Suniso® 3-G (a mineral oil), Icematic® SW100 (a synthetic polyol-ester oil), and ZEROL® 150 (a synthetic alkylbenzene oil) and solvents including methylene chloride, toluene, xylene and 1,1,1 trichlorethane. Designed specifically for hermetic motors, its “low extraction” levels of soluble materials protect against contamination, as well as clogging, within the compressor system.

Varglas Hermetic Sleeving meets the requirements of NEMA TF-1, Type 2, and ASTM-D372.

Applications

Varglas Hermetic Sleeving is ideally suited as insulation in hermetically-sealed refrigeration units. It is resistant to hydrochlorofluorocarbon (HCFC) refrigerants such as R-22 and R-123 as well as the new, environmentally-friendly hydroflourocarbon (HFC) refrigerants such as R-134a. It also is compatible with mineral-oil lubricants such as Suniso® 3-G, synthetic polyol-ester refrigeration lubricants such as Icematic® SW100, and synthetic alkylbenzene refrigeration oils such as ZEROL® 150. In addition to being free of contaminating impurities, its tough coating resists thermal shock, rough assembly handling, and mechanical stress without loss of dielectric strength.

Sizes

AWG #24 through 1” I.D. Other sizes subject to inquiry

Standard Color

Natural.

Standard Packaging

Coils, spools or 36” lengths at manufacturer’s option, unless otherwise specified. There is no cutting charge for 36” lengths, but lengths other than 36” are subject to cutting charges. Sizes over 1” I.D. are generally supplied in 36” lengths.

Suniso® is a registered trademark of Compton Corporation.

Icematic® is a registered trademark of Castrol, Inc.

ZEROL® is a registered trademark of Shrieve Chemical Products Company