Fiberglass Sleeving from Nelco Products

Part Number	Product Descripton	Typical Applications	NEMA Grade	UL Approval	Temp. Class (°C)
N-210C N-220C	Heat Treated Fiberglass sleeving is made of braided E glass, standard or heavy wall. Heat treatment removes the sizing, sets the diameter and reduces fraying. Does not burn.	Heating appliances, lighting fixtures when additional mechanical protection is required and spae factor insulation is sufficient. Will withstand use temperatures as high as 650° C.	C3	Yes	240
N-317B N-314B N-312B	Vinyl Coated Fiberglass sleeving is extremely flexible with excellent abrasion and cut-through resistance. VW-1 fire retardant.	Supplementary insulation on motor, transformer, generator and resistor leads; radio, TV, and electronic circuits	A, B, C1	Yes	130
N-477F N-474F N-472F N-471F	Modified Acrylic provides markedly better resistance to moisture than standard acrylic sleevings. Improved thermal endurance.	Motors, dry-type transformers, welding equipment and other applications where 155° sleeve is required	A, B, C1, C2	Yes	155
N-417F N-414F N-412F N-411F	Acrylic Coated Fiberglass sleeving has excellent flexibility with high resistance to mechanical damage. Has excellent thermal endurance.	Motors, dry-type transformers, welding equipment and other applications where 155° sleeve is required	A, B, C1, C2	Yes	155
N-T117E N-T117G	Silicone Rubber Extrusion-Coated Fiberglass sleeving is flexible and abrasion resistant with service temperatures from -70° to +200°. 10KV to 30KV, order 117G	Ideal for very high or very low temperatures where high flexibility is required. Also ideal for high voltage applications.	A, B, C1, A	Yes	200
N-T117F	Silicone Rubber Extrusion-Coated Fiberglass sleeving is similar to 117E with the added feature of VW-1 fire retardancy.	Similar applications to T117E but where added fire retardancy is required.	A, B, C1	Yes	200
N-547R N-544R N-542R N-541R	Silicone Rubber Fiberglass sleeving is based on liquid silicone rubber (LSR), which provides expandability, push-back and extreme flexibility.	All high-temperature applications.	A, B, C1, C2	Yes	200
N-547RSS	Expandable Silicone Rubber Coated Fiberglass sleeving can be expanded to over twice its relaxed diameter.	For a snug fit over irregular shapes while retaining excellent physical and electrical properties.	A	Yes	200
N-T117U	Silicone Rubber tubing for low or high temperature electrical or mechanical use. Supplied without the inner fiberglass braid.	High and low temperature electrical insulation applications where inner fabric support is not needed.	NA	NA	200

Fiberglass Sleeving from Nelco Products

Part Number	Product Descripton	Typical Applications	NEMA Grade	UL Approval	Temp. Class (°C)
N-710C N-720C N-730C N-740C	Heat Treated and Saturated Fiberglass sleeving is capable of short term performance to 450°C. Non-fraying and is available in heavy wall (720C/HW) and thin wall (740C/TW). Many colors are available.	Electric motors, heating appliances, cable harnesses.	C3	Yes	240
N-818C N-828C N-838C	Thin Wall Fiberglass is conformable and expandable. 818C is untreated; 828Cis heat treated for resin acceptance and 838C is saturated to prevent fray to to add color.	Thin, high-temperature-resistant covering that can be pushed onto long lengths because of its expandable feature. Use as a tying cord in motors when in its flat state.	C3	NA	240