

# NU-SLEEVE VPI-200



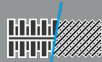
## NU-SLEEVE VPI-200



Mechanical & Abrasion Protection  
Electrical Insulation  
Thermal Protection



Uncoated & Coated Sleaving



Coated braided fiberglass



Fiberglass  
Silicone rubber



Natural (tan)



Electrical and thermal insulation  
High abrasion resistance



Product manufactured based on UL product: UZFT2 - E93101 - VW1 Rating  
/ UZFT8 - E93101 - VW1 Rating  
MIL-I-3190 / 6, QPL 3190, NEMA TF1 - Type 5, ASTM D372 Type V  
RoHS, REACH, CMRT

## PHYSICAL PROPERTIES

Physical properties	Spec	Value
Operating temperature	NEMA class H	-55/200°C (-67/392°F)
Dielectric strength*	-	up to 15 kV specific version: up to 20 kV
Dielectric constant	-	2.86 (10,000 Hz) 2.87 (100 Hz)
Volume resistivity	-	6.2 Ohm.cm $\times 10^{14}$
Dissipation factor	-	.0011 (10,00 Hz) .0016 (100 Hz)
Tensile strength	-	8.3 MPa
Hardness (shore A)	-	340
Elongation at break	-	410 %
Fungus resistance	-	Inert - none at 40x
Flammability	-	self-extinguishing with removal of heat source

\*Dielectric strength is the average of 10 tests, no single reading less than 5 kV VAC.

## DIMENSIONS

Designation	NEMA Size	Minimum $\emptyset$ (inches)	Maximum $\emptyset$ (inches)	Indicative nominal $\emptyset$	
				(inches)	(mm)
NU-SLEEVE VPI-200 AWG 8	AWG 8	0.129	0.141	0.135	3.43
NU-SLEEVE VPI-200 AWG 7	AWG 7	0.144	0.158	0.151	3.84
NU-SLEEVE VPI-200 AWG 6	AWG 6	0.162	0.178	0.170	4.32
NU-SLEEVE VPI-200 AWG 5	AWG 5	0.182	0.198	0.190	4.83
NU-SLEEVE VPI-200 AWG 4	AWG 4	0.204	0.224	0.214	5.44
NU-SLEEVE VPI-200 AWG 3	AWG 3	0.229	0.249	0.239	6.07
NU-SLEEVE VPI-200 AWG 2	AWG 2	0.258	0.278	0.268	6.81
NU-SLEEVE VPI-200 AWG 1	AWG 1	0.289	0.311	0.300	7.62
NU-SLEEVE VPI-200 5/16	5/16"	0.313	0.334	0.324	8.23
NU-SLEEVE VPI-200 AWG 0	AWG 0	0.325	0.347	0.336	8.53
NU-SLEEVE VPI-200 3/8	3/8"	0.375	0.399	0.387	9.83
NU-SLEEVE VPI-200 7/16	7/16"	0.438	0.462	0.450	11.43
NU-SLEEVE VPI-200 1/2	1/2"	0.500	0.524	0.512	13.00
NU-SLEEVE VPI-200 5/8	5/8"	0.625	0.655	0.640	16.26
NU-SLEEVE VPI-200 3/4	3/4"	0.750	0.786	0.768	19.51

## PACKAGING

Spools, Bulk spools, Cut lengths upon request