

# NU-SLEEVE VPI-155



## NU-SLEEVE VPI-155



Mechanical & Abrasion Protection  
Electrical Insulation



Uncoated & Coated Sleeving



Coated braided fiberglass



Fiberglass  
Acrylic coating



Natural (white)



Low: -10°C (14°F)


High: 155°C (311°F)


Insulation class: meet the requirement of class F rated at 155°C (311°F)



Electrical insulation  
High abrasion resistance



 File: UZFT2 - E93101

 Category 903201 File # 067735

MIL-I-3190 / 3, QPL 3190, NEMA TF1 - Type 6, ASTM D372 Type VI  
RoHS, REACH, CMRT

## PHYSICAL PROPERTIES

Physical properties	Spec	Unit	Value
Operating temperature	NEMA class F	°C (°F)	-10/155 (14/311)
Dielectric strength	-	-	dry: 7,000 volts, 60 Hz AC @ 500 V/s rate of rise wet: >80% of the dry values
Dielectric constant	-	-	2.5 (1,000 Hz)
Volume resistivity	-	-	1 Ohm.cm $\times 10^{10}$
Dissipation factor	-	-	.07 (1,000 Hz)
Cut through resistance	-	-	excellent
Flexibility	NEMA TF-1	-	does not crack when bent 180° around mandrel after heat age at 175°C (347°F) for 96 hours
Elongation at break	-	%	150
Fungus resistance	-	-	very good - none at 10x
Flammability	-	-	meets MIL-I-3190/3 and NEMA TF-1

## DIMENSIONS

Designation	NEMA Size	Minimum $\emptyset$ (inches)	Maximum $\emptyset$ (inches)	Indicative nominal $\emptyset$	
				(inches)	(mm)
NU-SLEEVE VPI-155 AWG 8	AWG 8	0.129	0.141	0.135	3.43
NU-SLEEVE VPI-155 AWG 7	AWG 7	0.144	0.158	0.151	3.84
NU-SLEEVE VPI-155 AWG 6	AWG 6	0.162	0.178	0.170	4.32
NU-SLEEVE VPI-155 AWG 5	AWG 5	0.182	0.198	0.190	4.83
NU-SLEEVE VPI-155 AWG 4	AWG 4	0.204	0.224	0.214	5.44
NU-SLEEVE VPI-155 AWG 3	AWG 3	0.229	0.249	0.239	6.07
NU-SLEEVE VPI-155 AWG 2	AWG 2	0.258	0.278	0.268	6.81
NU-SLEEVE VPI-155 AWG 1	AWG 1	0.289	0.311	0.300	7.62
NU-SLEEVE VPI-155 5/16	5/16"	0.313	0.334	0.324	8.23
NU-SLEEVE VPI-155 AWG 0	AWG 0	0.325	0.347	0.336	8.53
NU-SLEEVE VPI-155 3/8	3/8"	0.375	0.399	0.387	9.83
NU-SLEEVE VPI-155 7/16	7/16"	0.438	0.462	0.450	11.43
NU-SLEEVE VPI-155 1/2	1/2"	0.500	0.524	0.512	13.00
NU-SLEEVE VPI-155 5/8	5/8"	0.625	0.655	0.640	16.26
NU-SLEEVE VPI-155 3/4	3/4"	0.750	0.786	0.768	19.51
NU-SLEEVE VPI-155 7/8	7/8"	0.875	0.911	0.893	22.68
NU-SLEEVE VPI-155 1	1"	1.000	1.036	1.018	25.86

## PACKAGING

Spools, Bulk spools, Cut lengths upon request

[sales@delfingen.com](mailto:sales@delfingen.com) • [www.delfingen.com](http://www.delfingen.com)