

# NU-FLEX WHS-25



## NU-FLEX WHS-25



Mechanical & Abrasion Protection  
Thermal Protection



Uncoated & Coated Sleeving



Uncoated braided fiberglass



Encapsulated fiberglass  
Specific coating resin



Option:                   Black  
                                  Other colors upon request




Low:                       -70°C (-94°F)  
High:                      600°C (1112°F)



Thermal insulation  
High temperature resistance  
High mechanical and abrasion resistance



 UZIQ2 - E80713 - VW1 Rating

NEMA TF2 - Type 3  
RoHS, REACH, CMRT

## PHYSICAL PROPERTIES

Physical properties	Spec	Value
Operating temperature	-	-70/600°C (-94/1112°F)
Short term temperature	-	950°C (1742°F)
Flexibility (after heat aging)	NEMA TF-1-1993	Heat aging: 96h @ 175°C (347°F) Does not crack when bent 180° around a mandrel. Extremely tough and flexible. Can be knotted, pushed back, flattened or bent into any desired shape.
Abrasion resistance	SAE ARP 1536	> 2 000 cycles
Fully encapsulated fibers	Visual	Eliminates dermatitis. No loose particles are released during cutting and handling.
Compatibility	Sealed Tube	Compatible with most insulating and encapsulating materials.
Flammability	ASTM D350 UL 1441 VW-1	Pass
Chemical resistance	Resists the majority of chemicals and automotive fluids	

## DIMENSIONS

Designation	NEMA Size	Minimum Ø (inches)	Maximum Ø (inches)	Indicative nominal Ø	
				(inches)	(mm)
NU-FLEX WHS-25 AWG 8	AWG 8	0.129	0.141	0.135	3.43
NU-FLEX WHS-25 AWG 7	AWG 7	0.144	0.158	0.151	3.84
NU-FLEX WHS-25 AWG 6	AWG 6	0.162	0.178	0.170	4.32
NU-FLEX WHS-25 AWG 5	AWG 5	0.182	0.198	0.190	4.83
NU-FLEX WHS-25 AWG 4	AWG 4	0.204	0.224	0.214	5.44
NU-FLEX WHS-25 AWG 3	AWG 3	0.229	0.249	0.239	6.07
NU-FLEX WHS-25 AWG 2	AWG 2	0.258	0.278	0.268	6.81
NU-FLEX WHS-25 AWG 1	AWG 1	0.289	0.311	0.300	7.62
NU-FLEX WHS-25 5/16	5/16"	0.313	0.334	0.324	8.23
NU-FLEX WHS-25 AWG 0	AWG 0	0.325	0.347	0.336	8.53
NU-FLEX WHS-25 3/8	3/8"	0.375	0.399	0.387	9.83
NU-FLEX WHS-25 7/16	7/16"	0.438	0.462	0.450	11.43
NU-FLEX WHS-25 1/2	1/2"	0.500	0.524	0.512	13.00
NU-FLEX WHS-25 5/8	5/8"	0.625	0.655	0.640	16.26
NU-FLEX WHS-25 3/4	3/4"	0.750	0.786	0.768	19.51
NU-FLEX WHS-25 7/8	7/8"	0.875	0.911	0.893	22.68
NU-FLEX WHS-25 1	1"	1.000	1.036	1.018	25.86

## PACKAGING

Standard spools, Bulk spools, Cut lengths upon request