



GORILLA SLEEVE

- Innovative Braided Flat Filament Technology
- Resists Damage From UV, Gasoline, Engine Chemicals And Salt Water
- Heavy Plastic Protection
- Smooth Inner Wall Reduces Internal Abrasion
- Extreme Cut And Abrasion Resistant
- Halogen Free



Cut Cleanly
Hot Knife

Material	Polyamide Monofilament
Grade	NHN
Flat Filament Thickness	.020"
Drawing Number	TF001NH-WD

Nominal Size	Part #	Expansion Range		Put-Ups		Available Colors	Lbs/100'
		Min	Max	Bulk Spool	Shop Spool		
3/8"	NHN0.38BK	1/4"	1/2"	500'	100'	Black	1.00
1/2"	NHN0.50BK	3/8"	5/8"	500'	100'	Black	1.40
3/4"	NHN0.75BK	5/8"	1"	250'	50'	Black	2.10
1"	NHN1.00BK	7/8"	1 1/4"	250'	50'	Black	2.20
1 1/4"	NHN1.25BK	1"	1 1/2"	250'	50'	Black	2.50
1 1/2"	NHN1.50BK	1 1/4"	1 3/4"	100'	25'	Black	3.40
1 3/4"	NHN1.75BK	1 1/2"	2"	100'	25'	Black	4.00
2"	NHN2.00BK	1 3/4"	2 1/2"	100'	25'	Black	4.40

Innovative Flat Filament Braided For High Abrasion Resistance

The latest innovation in Techflex material design is the concept of using different shaped filaments to create strength, stiffness or a variety of other effects.

Gorilla Sleeve is engineered from flat filaments of tough and strong 6-6 Nylon to achieve a thick abrasion guard for use on hoses. This type of sleeve has been tested against competitor's abrasion guards that mix materials in an effort to gain slight abrasion advantages.

Gorilla Sleeve achieves better results without sacrificing great looks or flexibility.

- Constant abuse from road hazards, abrasion and vibration make Gorilla Sleevng the choice to protect hoses in over road vehicles.

- Colors Available:
Black (BK)





GORILLA SLEEVE



Abrasion Resistance
 Extremely High

Abrasion Test Machine
 Taber 5150

Abrasion Test Wheel
 Calibrase H-18

Abrasion Test Load
 500g

Room Temperature
 80°F

Humidity
 72%

Minor Scuffing
 100 Test Cycles

One Broken Strand
 900 Test Cycles

Second Broken Strand
 1,200 Test Cycles

One Strand Pulled Out Of
Material
 3,500 Test Cycles

Material Destroyed
 4,400 Test Cycles

Pre-Test Weight
 7,191.6 mg

Post-Test Weight
 6,761.4 mg

Test End Loss Of Mass
Point Of Destruction
 430.2 mg



Chemical Resistance

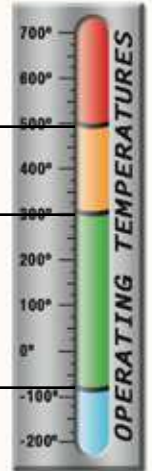
1=No Effect 4=More Affected
 2=Little Effect 5=Severely Affected
 3=Affected

Aromatic Solvents	_____	1
Aliphatic Solvents	_____	1
Chlorinated Solvents	_____	1
Weak Bases	_____	1
Salts	_____	1
Strong Bases	_____	2
Salt Water 0-S-1926	_____	1
Hydraulic Fluid MIL-H-5606	_____	1
Lube Oil MIL-L-7808	_____	1
De-Icing Fluid MIL-A-8243	_____	1
Strong Acids	_____	5
Strong Oxidants	_____	5
Esters/Keytones	_____	1
UV Light	_____	1
Petroleum	_____	2
Fungus ASTM G-21	_____	2
Halogen Free	_____	No
RoHS	_____	Yes

Melt Point
 ASTM D-2117
 509°F (265°C)

Maximum Continuous
 Mil-I-23053
 302°F (150°C)

Minimum Continuous
 -76°F (-60°C)



PHYSICAL PROPERTIES

Flat Filament	_____	.020
Flammability Rating	_____	
Recommended Cutting	_____	Hot Knife
Colors	_____	1
Wall Thickness	_____	.05
Tensile Strength (Yarn)	_____	19
		ASTM D-2256 Lbs
Specific Gravity ASTM D-792	_____	1.12
Moisture Absorption	_____	2.5
		% ASTM D-570
Hard Vacuum Data ASTM E-595		
TML	_____	1.10
CVCM	_____	.01
WVR	_____	.69
Smoke D-Max	_____	56
		ASTM E-662
Outgassing	_____	High
Oxygen Index	_____	22
		ASTM D-2863

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