

- Full Coverage
- Extreme Abrasion And Cut Resistance
- Resists Gasoline, UV, Solvents, Salt Water And Chemicals
- Braided From 20 mil Nylon Monofilament
- Custom Lengths Available
- Halogen Free

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max				
1/4"	SDN0.25BK	1/4"	1/2"	500'	100'	Black	1.05
1/2"	SDN0.50BK	1/2"	1"	250'	100'	Black	1.85
3/4"	SDN0.75BK	3/4"	1 1/4"	250'	50'	Black	2.30
1"	SDN1.00BK	1"	1 1/2"	250'	50'	Black	2.75
1 1/4"	SDN1.25BK	1 1/4"	2"	250'	50'	Black	3.00
1 3/4"	SDN1.75BK	1 3/4"	2 3/4"	100'	25'	Black	4.00
2 1/4"	SDN2.25BK	2 1/4"	3"	100'	25'	Black	5.30



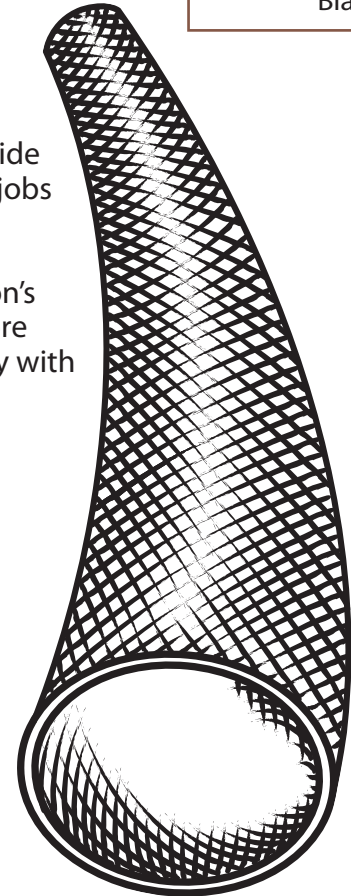
Cut Cleanly
Hot Knife

Heavy Duty Construction For High Abrasion Protection, Light Weight & Flexible For Easy Installation

SD is braided from .020" nylon 6-6 polyamide monofilament. Heavy duty and flexible, this sleeving is extremely versatile. Excellent durability makes SD ideal for a wide range of industrial applications, and other jobs where high abrasion protection is needed.

Super Duty will outperform the competition's dual monofilament sleeving. SD is also more economical and easy to use, cutting cleanly with a hot knife leaving a neat, sealed end.

Colors Available:
Black (BK).



SD protects hydraulic hoses from abrasion, flying debris and UV damage without affecting flexibility or trapping moisture like other abrasion covers.

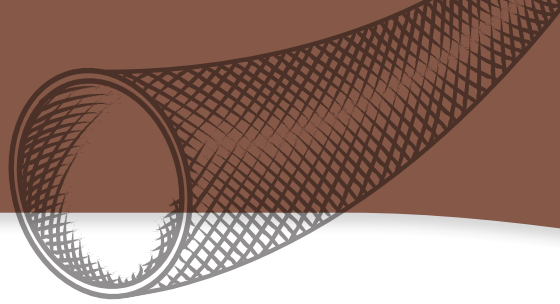
Material	Nylon 6-6 Monofilament
Grade	SDN
Monofilament Diameter	.020"
Drawing Number	TF001SDN-WD



www.techflex.com

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ABRASION

Abrasion Resistance
Very High

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
72°F

Humidity
48%

Material Destroyed
2,500 Test Cycles

Pre-Test Weight
6,878.6 mg

Post-Test Weight
6,527.2 mg

Test End Loss Of Mass
Point Of Destruction
351.4 mg

CHEMICAL RESISTANCE

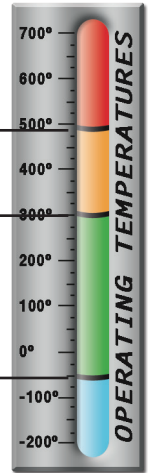
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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/Ketones _____	1
UV Light _____	2
Petroleum _____	3
Fungus ASTM G-21 _____	2
Halogen Free _____	Yes
RoHS _____	Yes
SVHC _____	_____

Melt Point
ASTM D-2117
493°F (256°C)

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

Minimum Continuous
-49°F (-45°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____	.020"
ASTM D-204	
Recommended Cutting _____	Hot Knife
Colors _____	1
Wall Thickness _____	.05"
Tensile Strength (Yarn) _____	9
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792 _____	1.14
Moisture Absorption _____	2.5
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595	
TML _____	1.10
CVCM _____	.01
WVR _____	.69
Outgassing _____	High
Oxygen Index _____	22
ASTM D-2863	