

**Colors Available:** 

- 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



Material Nylon 6-6 Monofilament

Grade SDN

Monofilament Diameter .020"

Drawing Number TF001SDN-WD



					062		
Nominal Size	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
		Min	Max	Spool	Spool	Colors	100′
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 1/1″	3″	100′	25′	Black	5.30

Put-lins -

## 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.

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





**HEAVY DUTY** Technical Data Sheet



700°

-100°-

-200°

## **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



1=No Effect 2=Little Effect 3=Affected

4=More Affected 5=Severely Affected

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	1
Salts	1
Strong Bases	2
Salt Water 0-S-1926	
Hydraulic Fluid <i>MIL-H-5606</i>	
Lube Oil <i>MIL-L-7808</i>	1
De-Icing Fluid <i>MIL-A-8243</i>	1
Strong Acids	5
Strong Oxidants	
Esters/Ketones	1
UV Light	2
Petroleum	3
Fungus ASTM G-21	2
Halogen Free	Yes
RoHS	Yes
SVHC	

<b>Melt Point</b> ASTM D-2117	600° —
493°F (256°C)——	<u>500° –</u>
Maximum Continuous	400° —
Mil-I-23053	300°
302°F (150°C)	200° —
	100° —

Minimum Continuous -49°F (-45°C)

## PHYSICAL PROPERTIES

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

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