



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



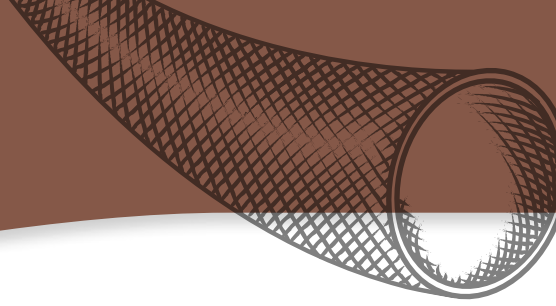
## Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

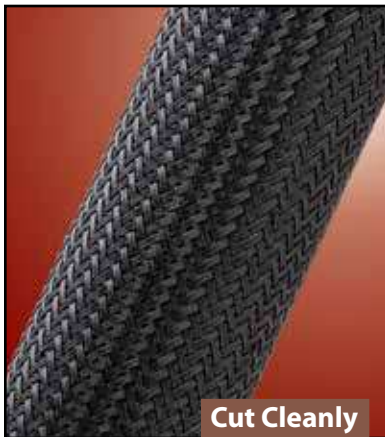




- Full Coverage
- Extreme Abrasion And Cut Resistance
- Resists Gasoline, UV, Solvents, Salt Water And Chemicals
- Braided From 20 mil Nylon Monofilament
- Custom Lengths Available
- Halogen Free

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



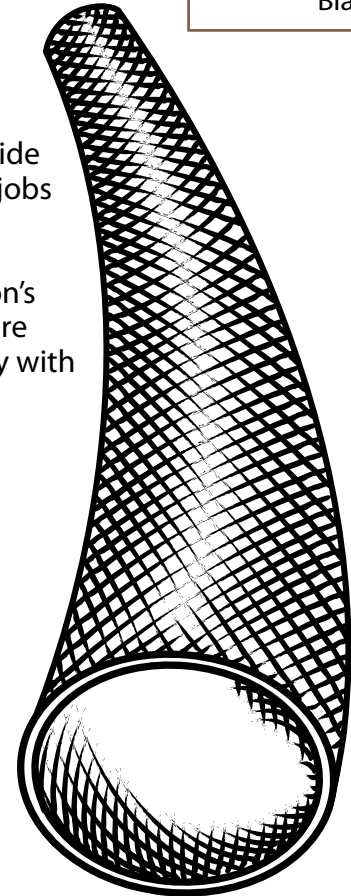
Cut Cleanly  
Hot Knife

### 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.

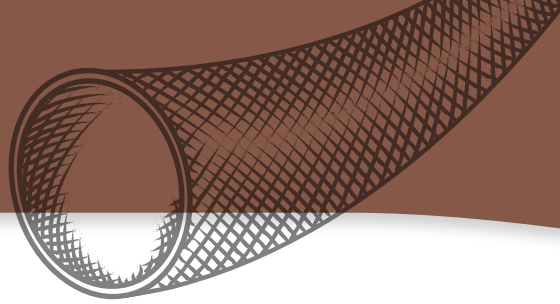
Colors Available:  
Black (BK).



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

<b>Material</b>	Nylon 6-6 Monofilament
<b>Grade</b>	SDN
<b>Monofilament Diameter</b>	.020"
<b>Drawing Number</b>	TF001NY-WD





## ABRASION

**Abrasion Resistance**  
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

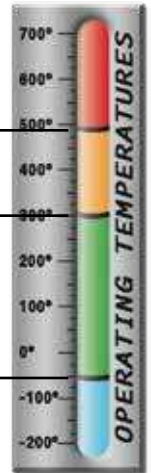
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

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	

www.techflex.com