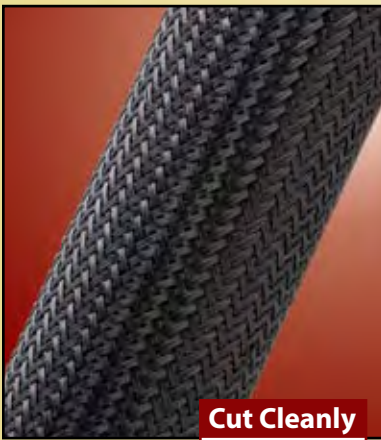


# FLEXO<sup>®</sup> SUPER DUTY

- 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



**Cut Cleanly**  
**Hot Knife**

**Material**  
**Nylon 6-6 Monofilament**

**Grade**  
**SDN**

**Monofilament Diameter**  
**.020"**

**Drawing Number**  
**TF001NY-WD**

## Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Retail	Bag	Available Colors	Lbs/100'
		Min	Max						
1/4"	SDN0.25BK	1/4"	1/2"	500'	100'	50'	10'	Black	1.05
1/2"	SDN0.50BK	1/2"	1"	250'	100'	50'	10'	Black	1.85
3/4"	SDN0.75BK	3/4"	1 1/4"	250'	50'	25'	10'	Black	2.30
1"	SDN1.00BK	1"	1 1/2"	250'	50'	25'	10'	Black	2.75
1 1/4"	SDN1.25BK	1 1/4"	2"	250'	50'	25'	10'	Black	3.00
1 3/4"	SDN1.75BK	1 3/4"	2 3/4"	100'	25'	15'	10'	Black	4.00
2 1/4"	SDN2.25BK	2 1/4"	3"	100'	25'	15'	10'	Black	5.30

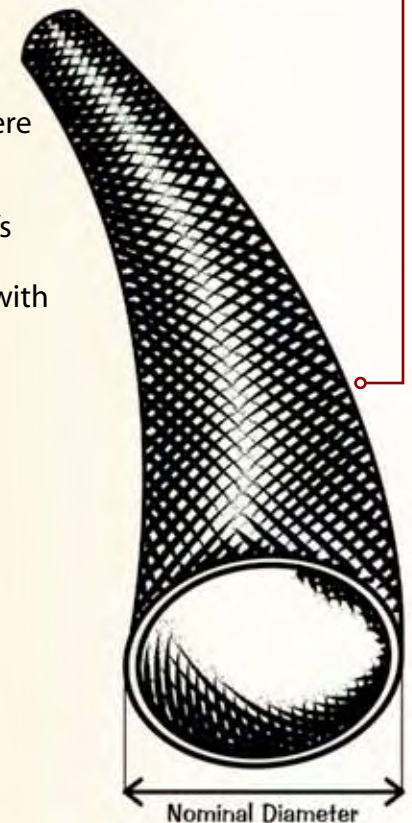
## Heavy Duty Construction For High Abrasion Protection, Light Weight & Flexible For Easy Installation.

SD is braided from .020" Nylon<sup>®</sup> 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.



## FLEXO<sup>®</sup> SUPER DUTY



### 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/Keytones	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)**

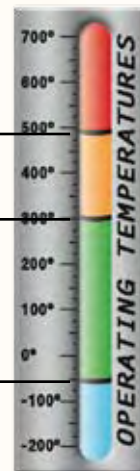
### Maximum Continuous

Mil-I-23053

**302°F (150°C)**

### Minimum Continuous

**-49°F (-45°C)**



### PHYSICAL PROPERTIES

Monofilament Diameter \_\_\_\_\_ .020  
ASTM D-204

Flammability Rating \_\_\_\_\_

Recommended Cutting \_\_\_\_\_ Hot Knife

Colors \_\_\_\_\_ 1

Wall Thickness \_\_\_\_\_ .05

Tensile Strength (Yarn) \_\_\_\_\_ 19  
ASTM D-2256 Lbs

Specific Gravity ASTM D-792 \_\_\_\_\_ 1.14

Moisture Absorption \_\_\_\_\_ 2.5  
% ASTM D-570

Hard Vacuum Data ASTM E-595 at 10-5 torr

TML \_\_\_\_\_ 1.10

CVCM \_\_\_\_\_ .01

WVR \_\_\_\_\_ .69

Smoke D-Max \_\_\_\_\_  
ASTM E-662

Outgassing \_\_\_\_\_ High

Oxygen Index \_\_\_\_\_ 22  
ASTM D-2863