

FLEXO[®] 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	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

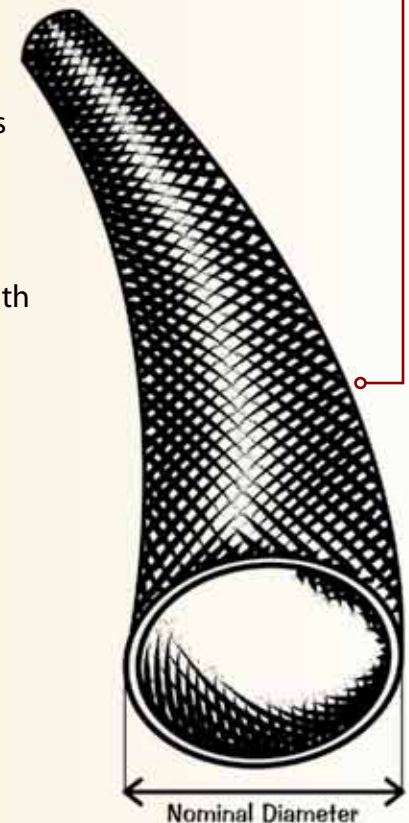
Heavy Duty Construction For High Abrasion Protection, Light Weight & Flexible For Easy Installation.

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.



FLEXO[®] 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	—

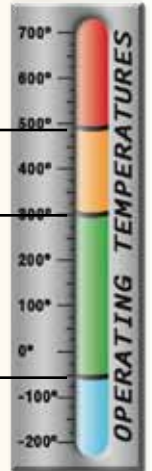
Melt Point
ASTM D-2117

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

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