



## FLEXO® SUPER DUTY

### HEAVY DUTY CONSTRUCTION FOR HIGH ABRASION PROTECTION LIGHTWEIGHT · FLEXIBLE FOR EASY INSTALLATION · FULL COVERAGE

FLEXO® SUPER DUTY is braided from 0,51mm 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.

#### SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Kgs/100m
				M	L		
6,4mm	SDN0.25BK	6,4mm	12,7mm	152,4m	500'	1	1,56
12,7mm	SDN0.50BK	12,7mm	25,4mm	76,2m	250'	1	2,75
19,1mm	SDN0.75BK	19,1mm	31,8mm	76,2m	250'	1	3,42
25,4mm	SDN1.00BK	25,4mm	38,1mm	76,2m	250'	1	4,09
31,8mm	SDN1.25BK	31,8mm	50,8mm	76,2m	250'	1	4,46
44,5mm	SDN1.75BK	44,5mm	69,9mm	30,5m	100'	1	5,95
57,2mm	SDN2.25BK	57,2mm	76,2mm	30,5m	100'	1	7,89

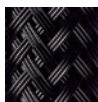
\*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



#### FEATURES

Material	Nylon 6-6 Monofilament
Grade	SDN
Monofilament Diameter	0,51mm
Drawing Number	TF001SDN-WD
Cutting	Hot Knife

#### COLORS



Black (BK)

#### CERTIFICATIONS





**ABRASION**

Abrasion Resistance	<b>Very High</b>
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	72°F / 22°C
Humidity	48%
Material Destroyed	2 500 Test Cycles
Pre-Test Weight	6 878,6mg
Post-Test Weight	6 527,2mg
Test End Loss Of Mass Point Of Destruction	351,4mg

**PHYSICAL PROPERTIES**

Monofilament Diameter (ASTM D-204)	0,51mm
Flammability Rating	
Recommended Cutting	Hot Knife
Colors	1
Wall Thickness	1,3mm
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 at 10-5 torr)	
TML	1,10
CVCM	0,01
WVR	0,69
Smoke D-Max (ASTM E-662)	
Outgassing	High
Oxygen Index (ASTM D-2863)	22

**FLAMMABILITY**

Rating	
--------	--

**OPERATING TEMPERATURES**

Melt Point (ASTM D-2117)	493°F / 256°C
Maximum Continuous (Mil-I-23053)	302°F / 150°C
Minimum Continuous (Mil-I-23053)	-49°F / -45°C

**CHEMICAL RESISTANCE**

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 (O-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	

