



FLEXO[®] SUPER DUTY
HEAVY DUTY CONSTRUCTION FOR HIGH ABRASION PROTECTION
LIGHTWEIGHT · FLEXIBLE FOR EASY INSTALLATION · FULL COVERAGE

FLEXO[®] SUPER DUTY 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.

SIZING CHART

Nominal Size	Part #	Min Expansion	Max Expansion	*Put-Ups		Available Colors	Lbs/100'
				M	L		
¼"	SDN0.25BK	¼"	½"	100'	500'	1	1.05
½"	SDN0.50BK	½"	1"	100'	250'	1	1.85
¾"	SDN0.75BK	¾"	1¼"	50'	250'	1	2.30
1"	SDN1.00BK	1"	1½"	50'	250'	1	2.75
1¼"	SDN1.25BK	1¼"	2"	50'	250'	1	3.00
1¾"	SDN1.75BK	1¾"	2¾"	25'	100'	1	4.00
2¼"	SDN2.25BK	2¼"	3"	25'	100'	1	5.30

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



FEATURES

Material	Nylon 6-6 Monofilament
Grade	SDN
Monofilament Diameter	.02"
Drawing Number	TF001SDN-WD
Cutting	Hot Knife

COLORS



Black (BK)

CERTIFICATIONS





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

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	.02"
Flammability Rating	
Recommended Cutting	Hot 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 at 10-5 torr)	
TML	1.10
CVCM	.01
WVR	.69
Smoke D-Max (ASTM E-662)	
Outgassing	High
Oxygen Index (ASTM D-2863)	22

FLAMMABILITY

Rating	
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	493°F / 256°C
Maximum Continuous	302°F / 150°C
Minimum Continuous	-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 (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	