



- Resists Snagging
- Prevents Damage From UV, Gasoline, Engine Chemicals And Salt
- Resists Cut, Abrasion And Penetration
- Flexible & Economical General Purpose Protection
- Deflects High Pressure Hose Ruptures
- Custom Lengths Available



Cut Cleanly
Scissors

Material

Nylon

Grade

DFN

Wall Thickness

.045"

Drawing Number

TF001DF-WD

Put-Ups

Nominal Size	Part #	Wall Thickness	Maxi Coil	Bulk Spool	Shop Spool	Available Colors	Lbs/100'
0.71"	DFN0.71BK	.045"	300'	100'	50'	Black	2.57
0.83"	DFN0.83BK	.045"	300'	100'	50'	Black	2.58
0.92"	DFN0.92BK	.045"	300'	100'	50'	Black	3.22
1.00"	DFN1.00BK	.045"	300'	100'	50'	Black	3.66
1.13"	DFN1.13BK	.045"	300'	100'	50'	Black	4.18
1.25"	DFN1.25BK	.045"	300'	100'	50'	Black	4.49
1.34"	DFN1.34BK	.045"	300'	100'	50'	Black	4.84
1.59"	DFN1.59BK	.045"	300'	100'	50'	Black	5.37
1.75"	DFN1.75BK	.045"	300'	100'	50'	Black	6.13
2.07"	DFN2.07BK	.045"	300'	100'	50'	Black	7.26
2.38"	DFN2.38BK	.045"	300'	100'	50'	Black	8.28
2.54"	DFN2.54BK	.045"	300'	100'	50'	Black	8.98
2.86"	DFN2.86BK	.045"	300'	100'	50'	Black	9.89
3.34"	DFN3.34BK	.045"	300'	50'	25'	Black	11.59
3.66"	DFN3.66BK	.045"	300'	50'	25'	Black	12.25

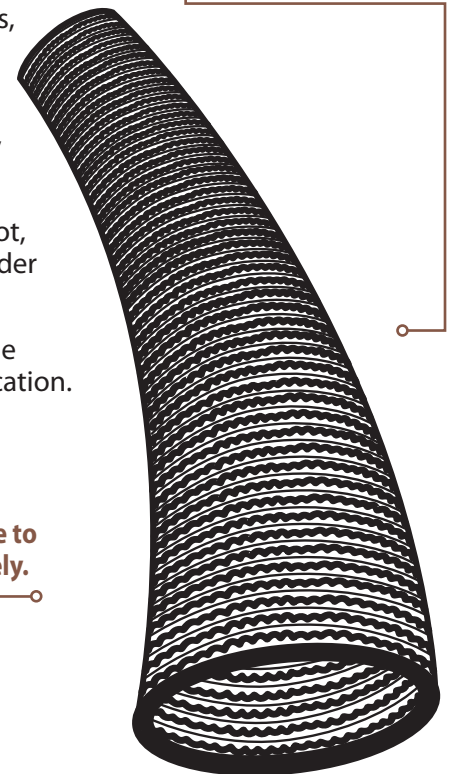
Industrial Hose And Cable Protection For Harsh Environments

The tightly woven nylon makes DF the perfect solution for hose & cable protection. The .045 inch wall thickness will protect cables, hoses and ropes from weather, sunlight and abrasion damage.

When installed over uncoated cable or chains, DF will prevent scraping, chafing and contact damage to painted or other fragile surfaces. DF is resistant to chemicals, UV damage and rot, and is suitable for continuous outdoor use under all weather conditions.

The flexible sleeving cuts with a scissor and the tight construction slides easily over any application.

Colors Available:
Black (BK)



This is a non-expandable product. Be sure to match your application diameter accurately.

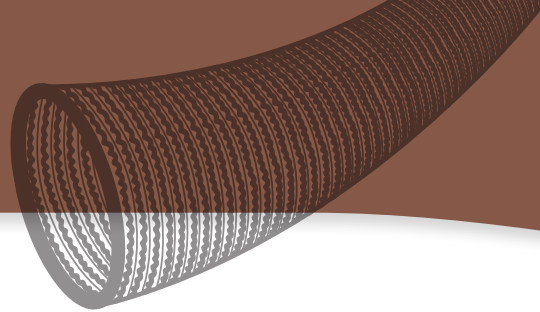


www.techflex.com

1 (833) SLEEVIING • (973) 300-9242 • fax: (973) 300-9409
104 Demarest Road • Sparta, NJ 07871

ISO 6945 MSHA





ABRASION

Abrasion Resistance
Very High

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
80°F

Humidity
70%

Visible Wear And Some Pulling Of Fibers
500 Test Cycles

Further Wear And Some Pulling At Seam
550 Test Cycles

Material Wearing Through At Seam
2,750 Test Cycles

Material Destroyed
3,500 Test Cycles

Pre-Test Weight
7,191.6 mg

Post-Test Weight
6,680.7 mg

Test End Loss Of Mass Point Of Destruction
510.9 mg

CHEMICAL RESISTANCE

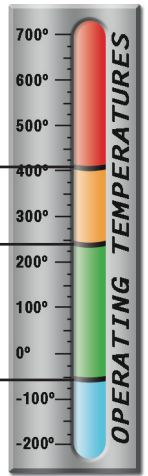
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

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

Melt Point
ASTM D-2117
410°F (210°C)

Maximum Continuous
Mil-I-23053
248°F (120°C)

Minimum Continuous
-49°F (-45°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____	NA
ASTM D-204	
Recommended Cutting _____	Scissor
Colors _____	1
Wall Thickness _____	.045"
Specific Gravity ASTM D-792 _____	1.14
Moisture Absorption _____	2.7
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	1.10
CVCM _____	.01
WVR _____	.69
Outgassing _____	High
Oxygen Index _____	22
ASTM D-2863	

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