



- 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**

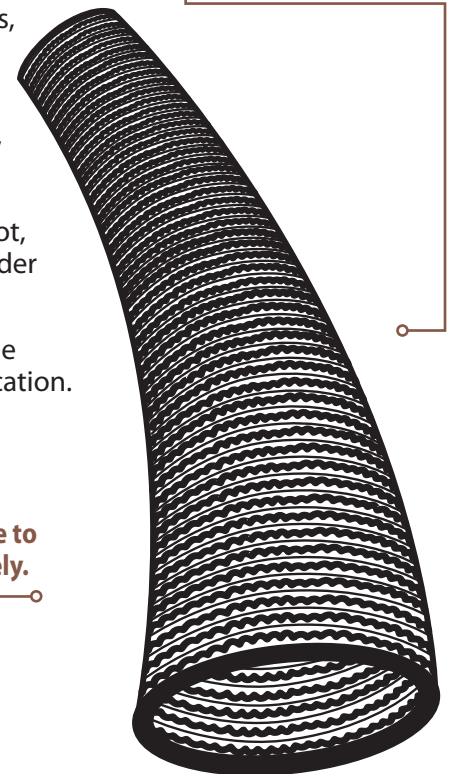
The tightly woven Nylon® makes DF the perfect solution for hose & cable protection. The .045 inch wall thickness will protect cables, hoses and ropes from weather, sunlight and abrasion damage.

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

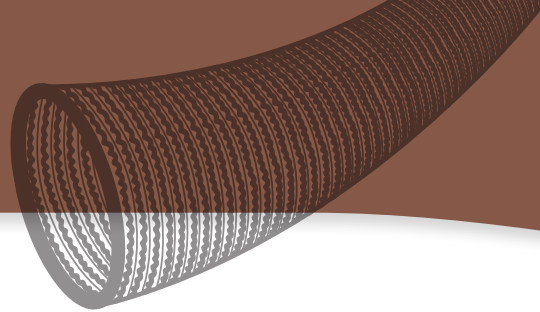
800.323.5140 • 973.300.9242 • fax: 973.300.9409  
104 Demarest Road • Sparta, NJ 07871

Nylon® is a registered trademark of DuPont Corporation.

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

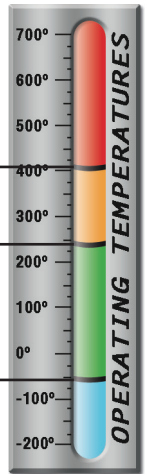
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

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	