

- 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
- Halogen Free



Cut Cleanly
Scissors

Material	PET Polyethylene Terephthalate
Grade	DBN
Wall Thickness	.064"
Drawing Number	TF001DF-WD

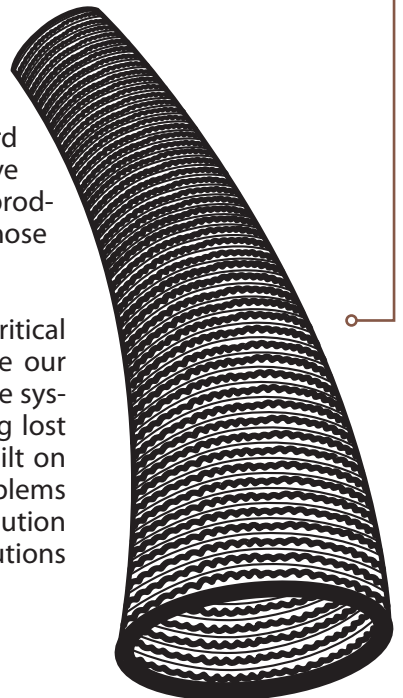
Put-Ups

Nominal Size	Part #	Wall Thickness	Bulk Spool	Shop Spool	Available Colors	Lbs/100'
1/2"	DBN0.50BK	.064"	100'	50'	Black	3.10
5/8"	DBN0.63BK	.064"	100'	50'	Black	3.20
3/4"	DBN0.75BK	.064"	100'	50'	Black	4.00
7/8"	DBN0.88BK	.064"	100'	50'	Black	4.60
1"	DBN1.00BK	.064"	100'	50'	Black	4.60
1 1/4"	DBN1.25BK	.064"	100'	50'	Black	5.70
1 1/2"	DBN1.50BK	.064"	100'	50'	Black	5.30
2 3/16"	DBN2.19BK	.064"	100'	50'	Black	8.30

Seamless Braided Design

The Techflex Dura Braid is the longest wearing braided abrasion sleeve we have ever made. Taking advantage of the benefits of our braiding heritage Dura Braid is more flexible, easier to fit on applications and has no seam on its axis. The result is a continuous seamless and beautiful product that will protect your woven Dura Flex product. In side by side comparisons our new Dura Braid provides 50% more wear life than the industry standard hose protection sleeves. This new technology hose guard wears like iron with help from our new and exclusive polymeric textile infusion process. This is the first product of its kind and it will set a new standard in the hose guard industry.

Colors Available:
Black (BK)



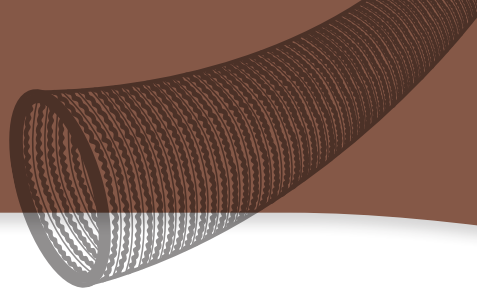
Hydraulic and pneumatic hose systems are hyper critical to many industrial machines. That's why we take our protection so seriously. Unprotected hose and wire systems cost our economy in so many ways including lost productivity, repairs, and cleanups. Techflex is built on developing and providing solutions before problems occur. We constantly strive to for cost effective solution too and Dura Braid is priced competitively with solutions that offer 1/2 of its abrasion resistance.

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



www.techflex.com
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ABRASION

Abrasion Resistance
Extreme

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
79°F

Humidity
74%

Surface Somewhat Fuzzy
600 Test Cycles

Material Slightly Worn
3,000 Test Cycles

Significant Wear
5,000 Test Cycles

Material Destroyed
7,000 Test Cycles

Pre-Test Weight
12,808.1 mg

Post-Test Weight
12,178.8 mg

Test End Loss Of Mass
Point Of Destruction
629.3 mg

CHEMICAL RESISTANCE

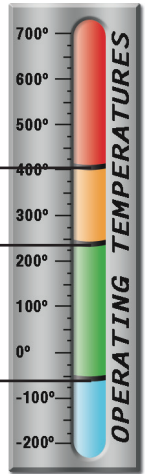
1=No Effect 4=More Affected
2=Little Effect 5=Severely Affected
3=Affected

Aromatic Solvents _____	2
Aliphatic Solvents _____	1
Chlorinated Solvents _____	3
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 _____	3
Strong Oxidants _____	2
Esters/Ketones _____	1
UV Light _____	1
Petroleum _____	1
Fungus ASTM G-21 _____	1
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
<i>ASTM D-204</i>	
Recommended Cutting _____	Scissor
Colors _____	1
Wall Thickness _____	.064
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption _____	.1-.2
<i>% ASTM D-570</i>	
Hard Vacuum Data _____	
<i>ASTM E-595 at 10-5 torr</i>	
TML _____	.19
CVCM _____	.00
WVR _____	.16
Outgassing _____	Med
Oxygen Index _____	21
<i>ASTM D-2863</i>	

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