

- 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

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

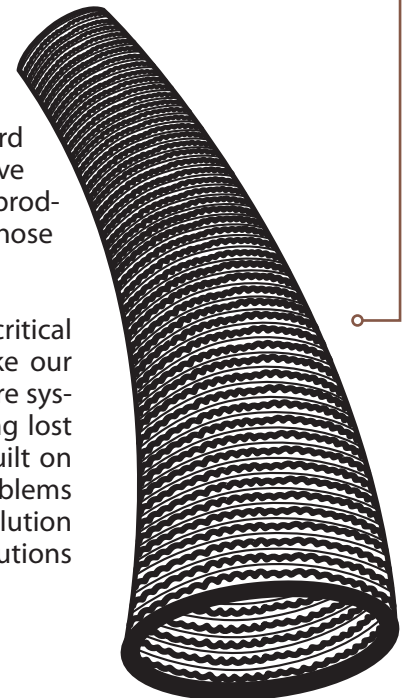
**Put-Ups**

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**

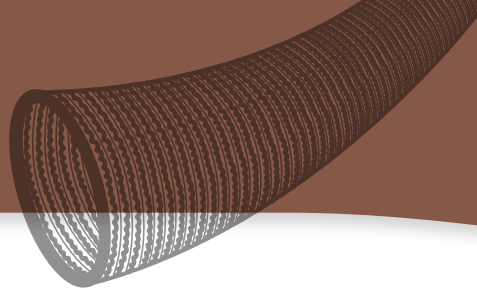
The Techflex Dura Braid is the longest wearing braided abrasion sleeve we have ever made. Taking advantage of the benefits of our braiding heritage Dura Braid is more flexible, easier to fit on applications and has no seam on its axis. The result is a continuous seamless and beautiful product that will 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.



## ABRASION

**Abrasion Resistance**  
Extremely High

**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**  
12,808.1mg

**Post-Test Weight**  
12,178.8 mg

**Test End Loss Of Mass**  
**Point Of Destruction**  
629.3 mg

## CHEMICAL RESISTANCE

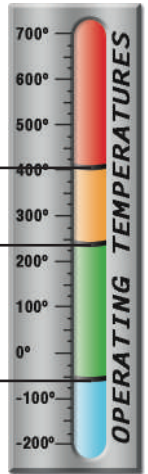
1=No Effect      4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

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
ASTM D-204	
Recommended Cutting _____	Scissor
Colors _____	1
Wall Thickness _____	.064
Specific Gravity ASTM D-792 _____	1.38
Moisture Absorption _____	.1-.2
% ASTM D-570	
Hard Vacuum Data _____	
ASTM E-595 at 10-5 torr	
TML _____	.19
CVCM _____	.00
WVR _____	.16
Outgassing _____	Med
Oxygen Index _____	21
ASTM D-2863	