



Dura Braid

- **64 Mil Wall Thickness**
- **50% Longer Wear Life than the Standard Woven Hose Guard**
- **Very Flexible**

Seamless Braided Design

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 hoses and wires even better than our original 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.

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.



Slight expansion makes a great fit.

Nominal Size	Part #	Wall Thickness	Standard Spool Put-Ups		Available Colors	Lbs/ 100'
			Bulk Spool	Shop Spool		
1/2"	DBN0.50BK	.064"	250'	100'	Black (BK)	3.1
5/8"	DBN0.63BK	.064"	250'	100'	Black (BK)	3.2
3/4"	DBN0.75BK	.064"	100'	50'	Black (BK)	4.0
7/8"	DBN0.88BK	.064"	100'	50'	Black (BK)	4.6
1"	DBN1.00BK	.064"	100'	50'	Black (BK)	4.6
1 1/4"	DBN1.25BK	.064"	100'	50'	Black (BK)	5.7
1 1/2"	DBN1.50BK	.064"	100'	50'	Black (BK)	
2 3/16"	DBN2.19BK	.064"	100'	50'	Black (BK)	

DURA BRAID

- **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



www.techflex.com

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

Put-Ups

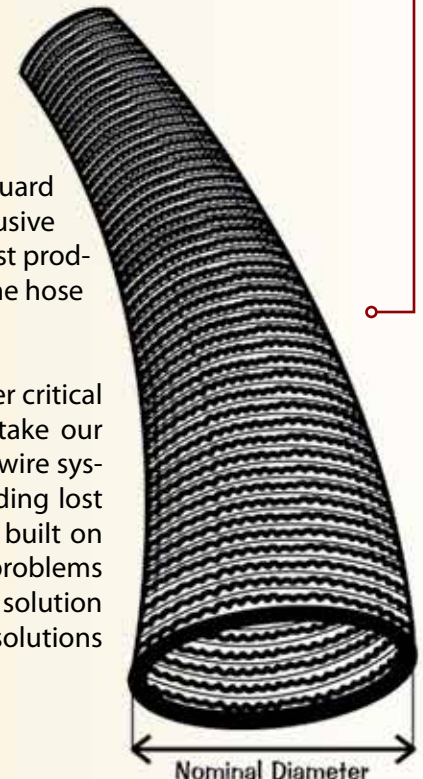
Nominal Size	Part #	Wall Thickness	Bulk Spool	Shop Spool	Available Colors	Lbs/100'
1/2"	DBN0.50BK	.064"	250'	100'	Black	3.10
5/8"	DBN0.63BK	.064"	250'	100'	Black	3.20
3/4"	DBN0.75BK	.064"	100'	50'	Black	4.00
7/8"	DBN0.88BK	.064"	100'	50'	Black	4.60
1"	DBN1.00BK	.064"	100'	50'	Black	4.60
1 1/4"	DBN1.25BK	.064"	100'	50'	Black	5.70
1 1/2"	DBN1.50BK	.064"	100'	50'	Black	
2 3/16"	DBN2.19BK	.064"	100'	50'	Black	

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■ **Colors Available:**
Black (BK)



Nominal Diameter

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



DURA BRAID



Abrasion Resistance
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	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/Keytones	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	.064
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	