



**DURA-FLEX PRO**

- Heavy Duty, .08" Wall Thickness
- ISO 6945 Certified
- Professional Grade Construction
- Smooth Inner Wall Prevents Internal Abrasion Damage
- Braided Nylon Resists UV, Salt Chemicals, Vermin And Rot
- Halogen Free



**Cut Cleanly  
Scissors**

<b>Material</b>	<b>Nylon</b>
<b>Grade</b>	<b>DPN</b>
<b>Wall Thickness</b>	<b>.08"</b>
<b>Drawing Number</b>	<b>TF001DP-WD</b>

**Put-Ups**

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Retail	Clam	Bag	Available Colors	Lbs/100'
		Min	Max							
0.75"	DPN0.75			100'	50'	25'	n/a	10'	Black	4.43
0.93"	DPN0.93			100'	50'	25'	n/a	10'	Black	5.51
1.13"	DPN1.13			100'	50'	25'	n/a	10'	Black	7.15
1.25"	DPN1.25			100'	50'	25'	n/a	10'	Black	7.44
1.35"	DPN1.35	This is a		100'	50'	25'	n/a	10'	Black	8.02
1.43"	DPN1.43	non-expandable product.		100'	50'	25'	n/a	10'	Black	8.32
1.63"	DPN1.63	Be sure to match your		100'	50'	25'	n/a	10'	Black	9.53
1.81"	DPN1.81	application diameter		100'	50'	25'	n/a	10'	Black	10.71
2.19"	DPN2.19	accurately.		100'	50'	25'	n/a	10'	Black	12.31
2.63"	DPN2.63			100'	50'	25'	n/a	10'	Black	14.83
2.88"	DPN2.88			100'	50'	25'	n/a	10'	Black	17.30
3.13"	DPN3.13			50'	25'	25'	n/a	10'	Black	18.04
3.38"	DPN3.38			50'	25'	25'	n/a	10'	Black	20.11
3.63"	DPN3.63			50'	25'	25'	n/a	10'	Black	21.60
4.00"	DPN4.00			50'	25'	25'	n/a	10'	Black	23.52

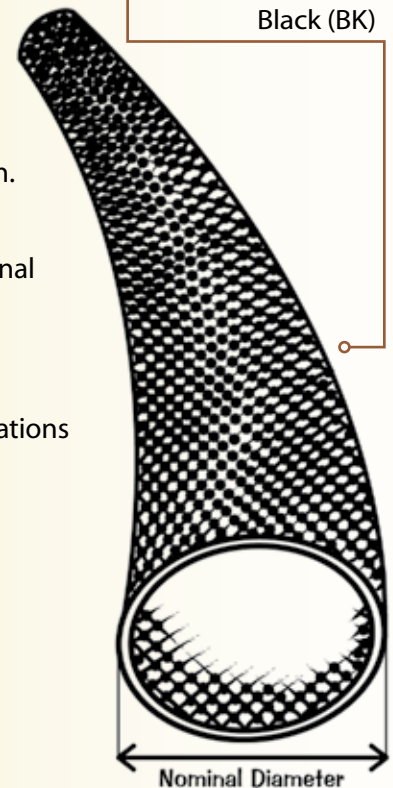
**ISO 6945 Certified Hose Protection**

Dura Flex Professional (DP) provides tough hose protection two ways. First, per the ISO 6945 spec, DP's unique .08" thick tubular weave design will withstand greater than 200,000 abrasion cycles without wearing through the fabric at any location.

Additionally, the exceptionally smooth inner wall provides easy installation and minimizes any internal abrasion problems. The tightly woven Nylon® construction is extremely flexible and resists chemical and ultraviolet degradation.

DP is perfect for industrial and construction applications where ISO certified hose protection is called for.

■ Colors Available:  
Black (BK)



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



**DURA-FLEX PRO**



**Abrasion Resistance**  
**Extremely High**

**Abrasion Test Machine**  
**Taber 5150**

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**

**Room Temperature**  
**85°F**

**Humidity**  
**74%**

**Minimal Visible Wearing Into Material**  
**400 Test Cycles**

**Visible Wearing Into Material**  
**3,000 Test Cycles**

**Heavy Wear But Not Yet Through The Material**  
**11,000 Test Cycles**

**Material Destroyed -Hole Through Material**  
**13,000 Test Cycles**

**Pre-Test Weight**  
**14,096 mg**

**Post-Test Weight**  
**11,705 mg**

**Test End Loss Of Mass Point Of Destruction**  
**2,391 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 D-2863 _____	2
Outgassing _____	High
Oxygen Index ASTM D-2863 _____	22
Halogen Free _____	Yes

**Melt Point**  
 ASTM D-2117  
**410°F (374°C)**



**PHYSICAL PROPERTIES**

Wall Thickness \_\_\_\_\_ .08

Recommended Cutting \_\_\_\_\_ Scissors

Stock Colors \_\_\_\_\_ 1

Tensile Strength PSI \_\_\_\_\_  
 ASTM D-2256

Tenacity (GM/Denier) ASTM D-4157 \_\_\_\_\_

Specific Gravity ASTM D-792 \_\_\_\_\_

Typical Elongation ASTM D-2256-80

Break \_\_\_\_\_

3g/Denier \_\_\_\_\_

Hard Vacuum Data ASTM E-595 at 10-5 torr

TML \_\_\_\_\_

CVCM \_\_\_\_\_

WVR \_\_\_\_\_