



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**

Material	Nylon
Grade	DPN
Wall Thickness	.08"
Drawing Number	TF001DP-WD

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

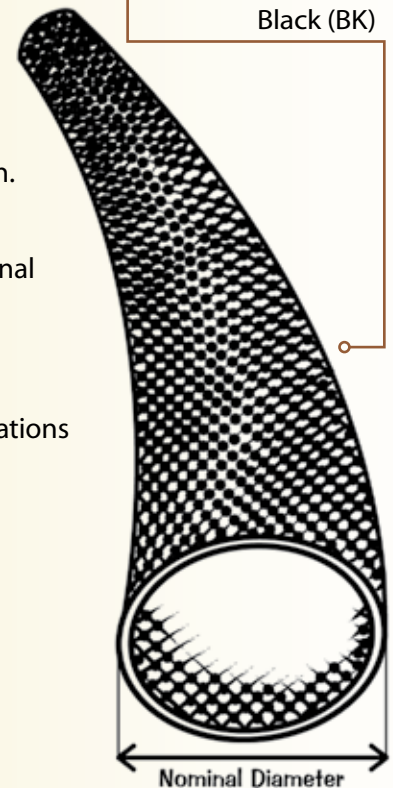
ISO 6945 Certified Hose Protection

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 _____