

- 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



Material Nylon

Grade DPN

Wall Thickness .08"

Drawing Number TF001DP-WD



Nominal Size	Part #	Wall Thickness	Bulk Spool	Shop Spool	Available Colors	Lbs/ 100′
0.75″	DPN0.75BK	.08″	100′	50′	Black	4.43
0.93″	DPN0.93BK	.08″	100′	50′	Black	5.51
1.13″	DPN1.13BK	.08″	100′	50′	Black	7.15
1.25″	DPN1.25BK	.08″	100′	50′	Black	7.44
1.35″	DPN1.35BK	.08″	100′	50′	Black	8.02
1.43″	DPN1.43BK	.08″	100′	50′	Black	8.32
1.63″	DPN1.63BK	.08″	100′	50′	Black	9.53
1.81″	DPN1.81BK	.08″	100′	50′	Black	10.71
2.19″	DPN2.19BK	.08″	100′	50′	Black	12.31
2.63″	DPN2.63BK	.08″	100′	50′	Black	14.83
2.88″	DPN2.88BK	.08″	100′	50′	Black	17.30
3.13″	DPN3.13BK	.08″	50′	25′	Black	18.04
3.38″	DPN3.38BK	.08″	50′	25′	Black	20.11
3.63″	DPN3.63BK	.08″	50′	25′	Black	21.60
4.00″	DPN4.00BK	.08″	50′	25′	Black	23.52

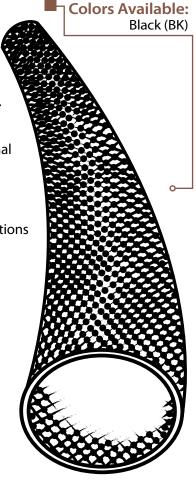
ISO 6945 Certified Hose Protection

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.

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







Put-Ups –

HEAVY DUTY Technical Data Sheet



5004

300'

200*

168

-100*

-200

TEMPERA

OPERATING

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



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

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	1
Salts	1
Strong Bases	
Salt Water 0-S-1926	
Hydraulic Fluid <i>MIL-H-5606</i>	
Lube Oil <i>MIL-L-7808</i>	1
De-Icing Fluid MIL-A-8243	
Strong Acids	5
Strong Oxidants	5
Esters/Ketones	1
UV Light	2
Petroleum	3
Fungus ASTM G-21	2
Halogen Free	Yes
RoHS	Yes
SVHC	

Melt Point	
ASTM D-2117	
410°F (210°C)_	

Maximum Continuous Mil-I-23053 248°F (120°C)

Minimum Continuous— -49°F (-45°C)

O PHYSICAL PROPERTIES

Monofilament Diameter ASTM D-204	NA
Flammability Rating	
Recommended Cutting	Scissor
Colors	1
Wall Thickness	.08
Tensile Strength (Yarn) ASTM D-2256 Lbs	
Specific Gravity ASTM D-792	1.14
Moisture Absorption % ASTM D-570	2.7
Hard Vacuum Data ASTM E-595 at 10-5 torr	
TML	1.10
CVCM	.01
WVR	.69
Smoke D-Max ASTM E-662	
Outgassing	High
Oxygen Index ASTM D-2863	22

© 2016 Techflex, Inc. - Any unauthorized reproduction, in whole or part, in any medium whatsoever, without the express written permission of Techflex, Inc. is strictly forbidden.

Techflex product names and logos are registered trademarks of Techflex, Inc., unless otherwise attributed. The contents and illustrations contained herein are believed to be reliable. Techflex makes no warranties as to their accuracy or completeness and disclaims any liability in connection with their use. Techflex's only obligations are those in standard terms of sale for these products and Techflex will not be liable for any consequential or other damages arising due to misuse of these products or typographical errors or omissions. Users should make their own evaluation to determine the suitability of these products for their unique and specific applications. 11-15