

- Tightly Woven Ballistic Nylon Construction
- Heavy Duty, Oversize Hook And Loop Closure
- Repels Liquids
- Resists And Prevents Damage From UV, Abrasion, Gasoline, Engine Chemicals And Salt Water
- Deflects High Pressure Hose Ruptures



Material Polyamide 6

Grade DWN

Wall Thickness .026″

Drawing Number TF001DW-WD



**www.techflex.com** 800.323.5140 • 973.300.9242 • fax: 973.300.9409 104 Demarest Road • Sparta, NJ 07871

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Nominal Size	Part #	Wall Thicknes <sub>s</sub>	Hook & Loop Width	Bulk Spool	Shop Spool	Available Colors	Lbs/ 100'
1″	DWN1.00BK	.026″	1″	150′	25′	Black	5.4
1 1/2″	DWN1.50BK	.026″	1″	150′	25′	Black	7.0
2″	DWN2.00BK	.026″	1″	150′	25′	Black	8.2
2 1/2″	DWN2.50BK	.026″	1″	150′	25′	Black	9.4
3″	DWN3.00BK	.026″	1″	150′	25′	Black	11.4
3 1/2″	DWN3.50BK	.026″	1″	150′	25′	Black	12.6
4″	DWN4.00BK	.026″	1″	150′	25′	Black	14.0
4 1/2″	DWN4.50BK	.026″	1″	150′	25′	Black	15.4
6″	DWN6.00BK	.026″	1″	150′	25′	Black	19.2
8″	DWN8.00BK	.026'	1"	150'	25'	Black	25.00

Put-Ups -

## Harsh Environment Protection With Easy On, Easy Off Hook & Loop Closure

DURA-WRAP (DW) is the answer to organizing and controlling wires, cables and hoses that are subjected to constant and extreme use. The flexible sleeve is made from tightly woven ballistic Nylon<sup>®</sup> with an aggressive, industrial strength hook and loop closure.

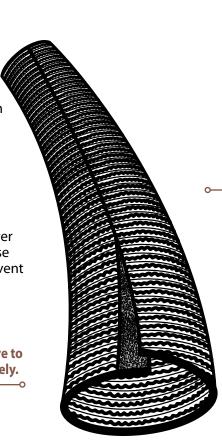
DURA-WRAP is used on wires to keep them together, on hoses and cables to prevent abrasion damage and on chains to keep them from ruining expensive finished surfaces.

DW provides greater abrasion resistance and water repellency compared to other Nylon<sup>®</sup> sleeves and is being tested for certification under the U.S. Dept. of Labor's MSHA.

DW is extremely flexible and easy to install over single or multiple hoses. In the event of a hose rupture, the high strength sleeving helps prevent high pressure fluid from becoming a danger to equipment operators and other personnel.

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

Colors Available: Black (BK)







## 

Abrasion Resistance Extremely High

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load **500g** 

*Room Temperature* 84°F

*Humidity* 74%

First Signs Of Slight Fraying 5,000 Test Cycles

Visible Small Hole In Material 7,500 Test Cycles

Material Destroyed 8,500 Test Cycles

Pre-Test Weight 6,903.10 mg

Post-Test Weight 5,911.80 mg

Test End Loss Of Mass Point Of Destruction 991.30mg



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

Aromatic Solvents	1
Aliphatic Solvents	
Chlorinated Solvents	I
Weak Bases	1
Salts	1
Strong Bases 2	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	4
Strong Oxidants	4
Esters/Keytones	1
UV Light	1
Petroleum	2
Fungus ASTM G-21	1
Halogen FreeYe	s
RoHSYe	s
SVHC	

Melt Point ASTM D-2117 410°F (374°C)

Maximum Continuous *Mil-I-23053* 200°F (93.3°C)

Minimum Continuous -60°F (-51.1°C)- www.techflex.com

## **PHYSICAL PROPERTIES**

Monofilament Diameter	NA
Flammability Rating	
Recommended Cutting	Scissor
Colors	1
Wall Thickness	.026
Tensile Strength (Yarn) ASTM D-2256 Lbs	
Specific Gravity ASTM D-792	1.13
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	56
ASTM E-662	
Outgassing	High
Oxygen Index ASTM D-2863	22

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