



Dura-Wrap

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 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 or on chains to keep them from ruining expensive finished surfaces.

Dura Wrap reduces expensive downtime thanks to it's easy retro fit installation. No disassembly required.

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.

- **8,500 Cycles***
- **Tightly Woven Ballistic Nylon Construction**
- **Heavy Duty, Oversize Hook & Loop Closure**
- **Repels Liquids**
- **Easy Retro Fit Installation**



DW is perfect for protecting hydraulic pistons in harsh environments.



Nominal Size	Part #	Wall Thickness	Hook & Loop Width	Standard Spool Put-Ups		Available Colors	Lbs/100'
				Bulk Spool	Shop Spool		
1"	DWN1.00BK	.026"	1"	150'	25'	Black (BK)	5.40
1 1/2"	DWN1.50BK	.026"	1"	150'	25'	Black (BK)	7.00
2"	DWN2.00BK	.026"	1"	150'	25'	Black (BK)	8.20
2 1/2"	DWN2.50BK	.026"	1"	150'	25'	Black (BK)	9.40
3"	DWN3.00BK	.026"	1"	150'	25'	Black (BK)	11.40
3 1/2"	DWN3.50BK	.026"	1"	150'	25'	Black (BK)	12.60
4"	DWN4.00BK	.026"	1"	150'	25'	Black (BK)	14.00
4 1/2"	DWN4.50BK	.026"	1"	150'	25'	Black (BK)	15.40
6"	DWN6.00BK	.026"	1"	150'	25'	Black (BK)	19.20



*Abrasion Resistance

630	950	2,500	3,500	4,400	8,500	13,000
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HIGH

EXTREMELY HIGH

800 323-5140
www.techflex.com

DURA-WRAP

- **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**

Put-Ups

Nominal Size	Part #	Wall Thickness	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



Cut Cleanly
Scissor

Material

Polyamide 6

Grade

DWN

Wall Thickness

.026"

Drawing Number

TF001DW-WD

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

Colors Available:
Black (BK)

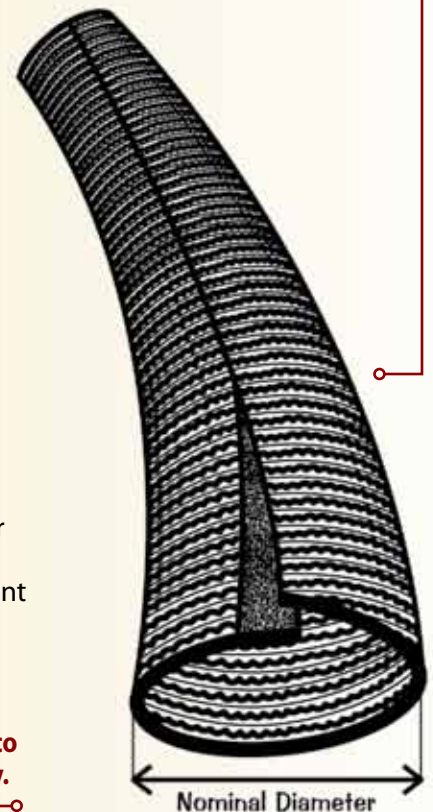
DURA-WRAP (DW) is the answer to organizing and controlling wires, cables and hoses that are subjected to constant and extreme use. The flexible sleeve is made from tightly woven ballistic Nylon® with an aggressive, industrial strength hook and loop closure.

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® 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.



DURA-WRAP



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 Ma-
terial
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



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	4
Strong Oxidants	4
Esters/Keytones	1
UV Light	1
Petroleum	2
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	Yes
SVHC	

Melt Point

ASTM D-2117

410°F (374°C)

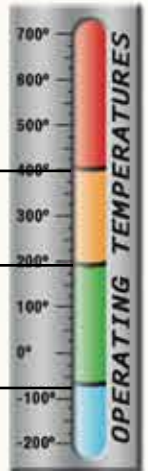
Maximum Continuous

Mil-I-23053

200°F (93.3°C)

Minimum Continuous

-60°F (-51.1°C)



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	2.7
% ASTM D-570	
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	22
ASTM D-2863	