

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)

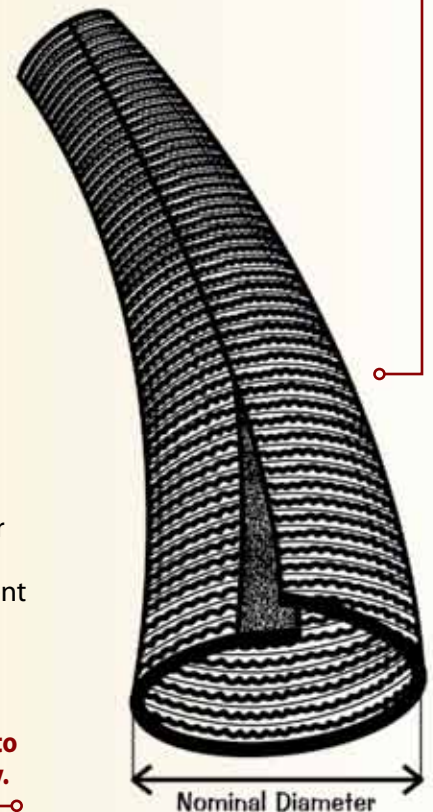
DURA-WRAP (DW) is the answer to organizing and controlling wires, cables and hoses that are subjected to constant and extreme use. The flexible sleeve is made from tightly woven ballistic Nylon® with an aggressive, industrial strength hook and loop closure.

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 <i>O-S-1926</i>	1
Hydraulic Fluid <i>MIL-H-5606</i>	1
Lube Oil <i>MIL-L-7808</i>	1
De-Icing Fluid <i>MIL-A-8243</i>	1
Strong Acids	4
Strong Oxidants	4
Esters/Keytones	1
UV Light	1
Petroleum	2
Fungus <i>ASTM G-21</i>	1
Halogen Free	Yes
RoHS	Yes
SVHC	

Melt Point

ASTM D-2117

410°F (374°C)

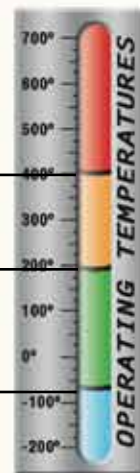
Maximum Continuous

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)	
<i>ASTM D-2256 Lbs</i>	
Specific Gravity <i>ASTM D-792</i>	1.13
Moisture Absorption	2.7
<i>% ASTM D-570</i>	
Hard Vacuum Data <i>ASTM E-595 at 10-5 torr</i>	
TML	1.10
CVCM	.01
WVR	.69
Smoke D-Max	56
<i>ASTM E-662</i>	
Outgassing	High
Oxygen Index	22
<i>ASTM D-2863</i>	