



**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	Retail	Bag	Available Colors	Lbs/ 100'
1"	DWN1.00BK	.026"	1"	150'	25'	25'	10'	Black	0.82
1 1/2"	DWN1.50BK	.026"	1"	150'	25'	25'	10'	Black	1.10
2"	DWN2.00BK	.026"	1"	150'	25'	25'	10'	Black	1.60
2 1/2"	DWN2.50BK	.026"	1"	150'	25'	25'	10'	Black	2.50
3"	DWN3.00BK	.026"	1"	50'	25'	25'	10'	Black	3.40
3 1/2"	DWN3.50BK	.026"	1"	50'	25'	25'	5'	Black	4.20
4"	DWN4.00BK	.026"	1"	50'	25'	25'	5'	Black	6.50
4 1/2"	DWN4.50BK	.026"	1"	50'	25'	25'	5'	Black	8.30
6"	DWN6.00BK	.026"	1"	50'	25'	25'	5'	Black	21.00



**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**

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.

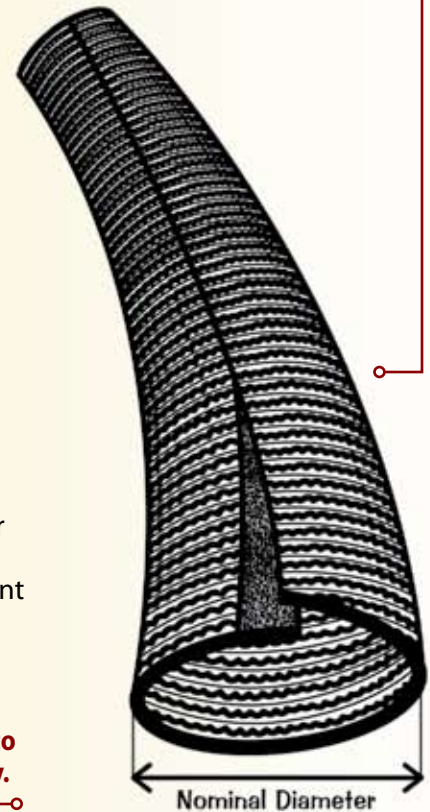
DURA-WRAP is used on wires to keep them together, on hoses and cables to prevent abrasion damage and on chains to keep them from ruining expensive finished surfaces.

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.**

**Colors Available:**  
Black (BK)





**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 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**



**Chemical Resistance**

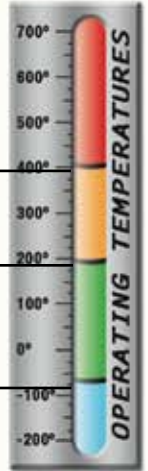
1=No Effect    4=More Affected  
 2=Little Effect    5=Severely Affected  
 3=Affected

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)	
<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>	

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