

- **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 <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     |



**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.

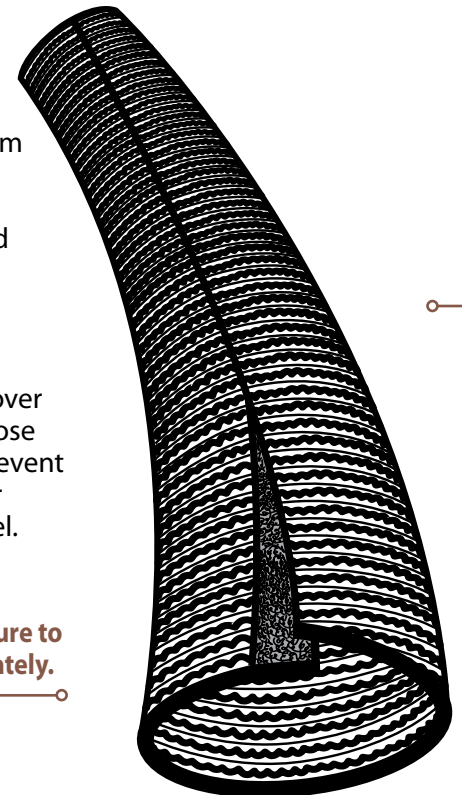
DURA-WRAP is used on wires to keep them together, on hoses and cables to prevent abrasion damage and on chains to keep them from ruining expensive finished surfaces.

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.

■ **Colors Available:**  
Black (BK)

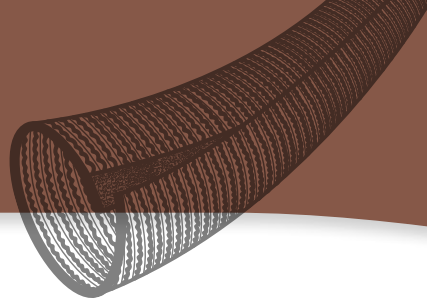
■ **This is a non-expandable product. Be sure to match your application diameter accurately.**



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## ABRASION

**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

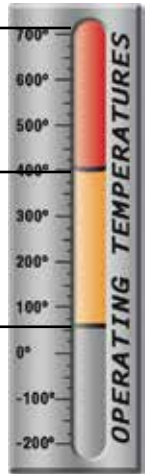
1=No Effect    4=More Affected  
2=Little Effect    5=Severely Affected  
3=Affected

|                                  |     |
|----------------------------------|-----|
| 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 ASTM D-792 _____ | 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>                |         |