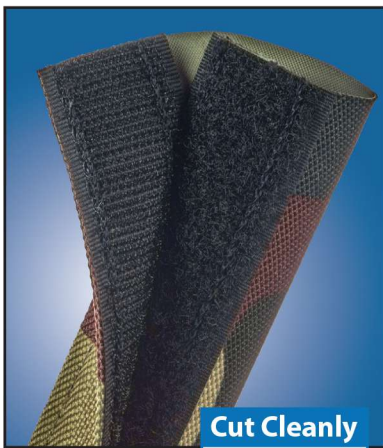




- Polyester Construction
- Heavy Duty, Oversize Hook And Loop Closure
- Repels Liquids
- Resists And Prevents Damage From UV, Abrasion, Gasoline, Engine Chemicals And Salt Water

Put-Ups

| Nominal Size | Part #  | Wall Thickness | Hook & Loop Width | Bulk Spool | Shop Spool | Available Colors | Lbs/ 100' |
|--------------|---------|----------------|-------------------|------------|------------|------------------|-----------|
| 1"           | PWN1.00 | .025"          | 1"                | 150'       | 25'        | BK, WC, OR       | 5.1       |
| 1 1/2"       | PWN1.50 | .025"          | 1"                | 150'       | 25'        | BK, WC, OR       | 6.7       |
| 2"           | PWN2.00 | .025"          | 1 1/2"            | 150'       | 25'        | BK, WC, OR       | 7.9       |
| 2 1/2"       | PWN2.50 | .025"          | 1 1/2"            | 150'       | 25'        | BK, WC, OR       | 9.1       |
| 3"           | PWN3.00 | .025"          | 1 1/2"            | 150'       | 25'        | BK, WC, OR       | 11.1      |
| 3 1/2"       | PWN3.50 | .025"          | 1 1/2"            | 150'       | 25'        | BK, WC, OR       | 12.3      |
| 4"           | PWN4.00 | .025"          | 1 1/2"            | 150'       | 25'        | BK, WC, OR       | 13.7      |
| 4 1/2"       | PWN4.50 | .025"          | 1 1/2"            | 150'       | 25'        | BK, WC, OR       | 15.1      |
| 6"           | PWN6.00 | .025"          | 1 1/2"            | 150'       | 25'        | BK, WC, OR       | 18.9      |
| 8"           | PWN8.00 | .025"          | 1 1/2"            | 50'        | 25'        | BK, WC, OR       | 24.7      |



Cut Cleanly  
Scissor

Hose Protection With Easy On, Easy Off Hook & Loop Closure

VersaWraptor™ Wrap (PWN) is the answer to organizing and controlling wires, cables and hoses that are subjected to constant use. The flexible sleeve is made from polyester with an aggressive, industrial strength hook and loop closure.

VersaWraptor™ 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.

PWN is extremely flexible and easy to install over single or multiple hoses.

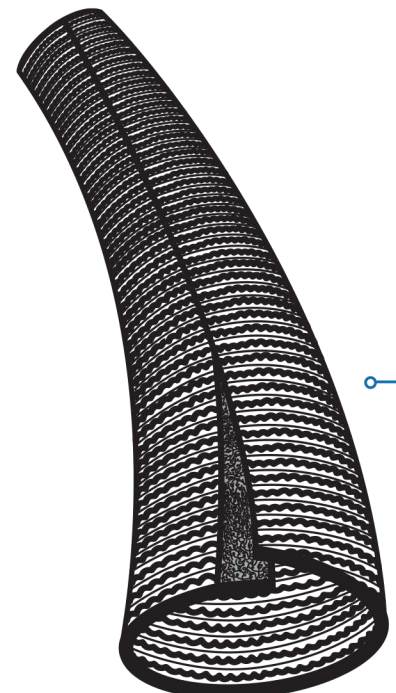
Colors Available:



Orange (OR), Camouflage (WC), & Black (BK).

Colors Available:

Black (BK), Orange (OR), & Camouflage (WC)



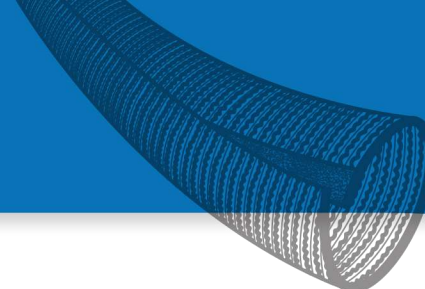
This is a non-expandable product. Be sure to match your application diameter accurately.

Material  
600 Denier Polyester

Grade  
PWN

Wall Thickness  
.025"

Drawing Number  
TF001PW-WD



## ABRASION FLAMMABILITY

**Abrasion Resistance** Rating \_\_\_\_\_  
**Extreme**

**Abrasion Test Machine**  
**Taber 5150**

**Abrasion Test Wheel**  
**Calibrase H-18**

**Abrasion Test Load**  
**500g**

**Room Temperature**  
**73.3°F**

**Humidity**  
**64%**

**Moderate Scuffing Visible**  
**1550 Test Cycles**

**Significant Scuffing;**  
**Braid Separated**  
**3950 Test Cycles**

**Braid Begins to Break;**  
**Material Destroyed**  
**10350 Test Cycles**

**Pre-Test Weight**  
**9.4128 g**

**Post-Test Weight**  
**8.4095 g**

**Test End Loss Of Mass**  
**Point Of Destruction**  
**1.0033 g**

## 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 0-5-1926 _____        | 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/Ketones _____             | 1   |
| UV Light _____                   | 1   |
| Petroleum _____                  | 2   |
| Fungus ASTM G-21 _____           | 1   |
| Halogen Free _____               | Yes |
| RoHS _____                       | Yes |
| SVHC _____                       |     |

**Melt Point**  
*ASTM D-2117*  
**410°F (210°C)**

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

**Minimum Continuous**  
**-60°F (-51.1°C)**



## PHYSICAL PROPERTIES

|                                   |         |
|-----------------------------------|---------|
| Monofilament Diameter _____       | NA      |
| Recommended Cutting _____         | Scissor |
| Colors _____                      | 1       |
| Wall Thickness _____              | .025    |
| Specific Gravity ASTM D-792 _____ | 1.13    |
| Moisture Absorption _____         | 2.7     |
| <i>% ASTM D-570</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>                |         |