



## VERSAWRAPTOR® WRAP

### HOSE PROTECTION WITH EASY ON, EASY OFF HEAVY DUTY HOOK & LOOP CLOSURE

### POLYESTER CONSTRUCTION · REPELS LIQUIDS

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.

#### SIZING CHART

Nominal Size	Part #	Wall Thickness	Hook & Loop Width	*Put-Ups		Available Colors	Lbs/100'
				M	L		
1"	PWN1.00	.025"	1"	25'	150'	3	5.10
1½"	PWN1.50	.025"	1"	25'	150'	3	6.70
2"	PWN2.00	.025"	1½"	25'	150'	3	7.90
2½"	PWN2.50	.025"	1½"	25'	150'	3	9.10
3"	PWN3.00	.025"	1½"	25'	150'	3	11.10
3½"	PWN3.50	.025"	1½"	25'	150'	3	12.30
4"	PWN4.00	.025"	1½"	25'	150'	3	13.70
4½"	PWN4.50	.025"	1½"	25'	150'	3	15.10
6"	PWN6.00	.025"	1½"	25'	150'	3	18.90
8"	PWN8.00	.025"	1½"	25'	50'	3	24.70

\*Put-Ups: Bulk Spool = "L" and Shop Spool = "M" are **standard orders**; "XS", "S", and "XL" are **special orders**

#### FEATURES

Material	600 Denier Polyester
Grade	PWN
Wall Thickness	.025"
Drawing Number	TF001PWN-WD
Cutting	Scissors

#### COLORS



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

#### CERTIFICATIONS





## ABRASION

Abrasion Resistance	<b>EXTREME</b>
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	73°F
Humidity	64%
Moderate Scuffing Visible	1,550 Test Cycles
Significant Scuffing; Braid Separated	3,950 Test Cycles
Braid Begins to Break, Material Destroyed	10,350 Test Cycles
Pre-Test Weight	9.4 g
Post-Test Weight	8.4 g
Test End Loss Of Mass Point Of Destruction	1.0 g

## PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	N/A
Flammability Rating	
Recommended Cutting	Scissors
Colors	3
Wall Thickness	.025"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	
Specific Gravity (ASTM D-792)	1.13
Moisture Absorption % (ASTM D-570)	2.7
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	
TML	1.10
CVCM	.01
WVR	.69
Smoke D-Max (ASTM E-662)	56
Outgassing	High
Oxygen Index (ASTM D-2863)	22

## FLAMMABILITY

Rating

## OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	392°F / 200°C
Maximum Continuous (Mil-I-23053)	200°F / 93°C
Minimum Continuous (Mil-I-23053)	0°F / -17°C

## CHEMICAL RESISTANCE

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

Aromatic Solvents	1
Aliphatic Solvents	1
Chlorinated Solvents	1
Weak Bases	1
Salts	1
Strong Bases	2
Salt Water (O-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/Ketones	1
UV Light	1
Petroleum	2
Fungus (ASTM G-21)	1
Halogen Free	Yes
RoHS	Yes
SVHC	