HEAVY DUTY
Technical Data Sheet

DURA WRAP

HARSH ENVIRONMENT PROTECTION WITH EASY ON, EASY OFF HOOK & LOOP CLOSURE
TIGHTLY WOVEN CONSTRUCTION · DEFLECTS HIGH PRESSURE HOSE RUPTURES

DURA WRAP (DWN) 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.

SIZING CHART

Nominal Size	Part #	Wall Thickness	Hook & Loop Width	*Put-Ups			Available Colors	Lbs/ 100'
				M	L	XL		
1"	DWN1.00BK	.026"	1"	25'	50'	150'	1	5.40
1¼"	DWN1.25BK	.026"	1"	25'	50'	150'	1	6.00
1½"	DWN1.50BK	.026"	1"	25'	50'	150'	1	7.00
2"	DWN2.00BK	.026"	1"	25'	50'	150'	1	8.20
2½"	DWN2.50BK	.026"	1"	25'	50'	150'	1	9.40
3"	DWN3.00BK	.026"	1"	25'	50'	150'	1	11.40
3½"	DWN3.50BK	.026"	1"	25'	50'	150'	1	12.60
4"	DWN4.00BK	.026"	1"	25'	50'	150'	1	14.00
4½"	DWN4.50BK	.026"	1"	25'	50'	150'	1	15.40
6"	DWN6.00BK	.026"	1"	25'	50'	150'	1	19.20
8"	DWN8.00BK	.026"	1"	25'	50'	150'	1	25.00
12"	DWN12.0BK	.026"	1½"	25'	50'	150'	1	48.00

Put-Ups: **"M" = Shop Spool , **"L"** = Bulk Spool, and **"XL"** = Master Spool*



FEATURES

Material	**Polyamide 6**
Grade	**DWN**
Wall Thickness	**.026"**
Drawing Number	**TF001DWN-WD**
Cutting	**Scissors**

COLORS



Black (BK)

CERTIFICATIONS

Prop 65 CLEAN

RoHS Compliant

TECHFLEX®
Braided Sleeving Products

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ABRASION

Abrasion Resistance	**EXTREME**
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 Holle In Material	7,500 Test Cycles
Material Destroyed	8,500 Test Cycles
Pre-Test Weight	6,903.1 mg
Post-Test Weight	5,911.8 mg
Test End Loss Of Mass Point Of Destruction	991.3 mg

PHYSICAL PROPERTIES

Monofilament Diameter *(ASTM D-204)*	NA
Flammability Rating *(SAE FMVSS-302)*	
Recommended Cutting	Scissors
Colors	1
Wall Thickness	.026”
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	1.1
CVCM	.01
WVR	.69
Smoke D-Max *(ASTM E-662)*	56
Outgassing	High
Oxygen Index *(ASTM D-2863)*	22

FLAMMABILITY

Rating *(SAE FMVSS-302)*	Self Extinguishing

OPERATING TEMPERATURES

Melt Point *(ASTM D-2117)*	410°F / 210°C
Maximum Continuous	200°F / 93°C
Minimum Continuous	-60°F / -51°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 *(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/Ketones	1
UV Light	1
Petroleum	2
Fungus *(ASTM G-21)*	1
Halogen Free	Yes
RoHS	Yes
SVHC	

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