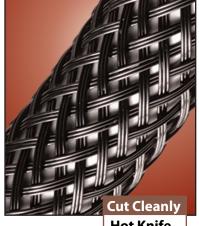


- Put-Ups —

- Extreme Abrasion And Cut Resistance
- Resists Gasoline, UV, Solvents, Salt Water And Chemicals
- Braided From .15 mil PET Monofilament

					Op5		
Nominal	Part #	Expansion Range		Bulk	Shop	Available	Lbs/
Size		Min	Max	Spool	Spool	Colors	100′
1/8″	HWN0.13BK	1/16″	3/16″	500′	125′	BK	0.27
3/8″	HWN0.38	3/16″	3/4″	500′	100′	3	0.82
5/8″	HWN0.63	5/16″	7/8″	250′	75′	3	1.10
1″	HWN1.00	1/2″	1 1/2″	250′	50′	3	1.60
1 1/2″	HWN1.50	3/4″	2″	250′	50′	3	2.50
2″	HWN2.00	1 1/2″	3″	200′	50′	3	3.40
3″	HWN3.00	2″	4″	100′	50′	3	4.20
4″	HWN4.00	2 1/2″	5 1/2″	100′	50′	3	4.20
				H.			



Hot Knife

Material Polyethylene Terephthalate

Grade HWN

Monofilament Diameter .015"

Drawing Number TF001HWN-WD



50% Thicker For The Really Abrasive Jobs

When your application calls for more protection than our 10 mil products provide, our 15 mil HW is the ideal solution.

HW is commonly used in industrial and marine applications where extreme abrasion protection is critical. The durability of HW makes it ideal for protecting hoses and cables that have to withstand constant contact with rough and abrasive surfaces.

HW is the perfect solution for use on chains and cables to protect painted or laminated surfaces from scuffing and wear.

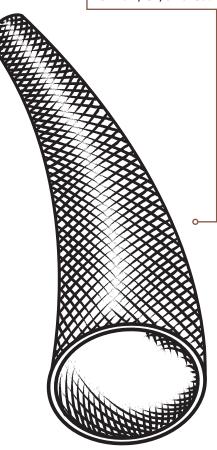
HW protects trailer hitch harnesses from abrasion, flying debris and UV damage without affecting flexibility or trapping moisture like convoluted tubing.

Colors Available:



Clear (CL), Carbon (CB), and Black (BK).

Colors Available: 3 = BK, CL, and CB.





HEAVY DUTY Technical Data Sheet



700°

600°

500°

4000 3000

200°

100°

-200°



Abrasion Resistance Medium

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load 500g

Room Temperature 80°F

Humidity 72%

Two Broken Strands 200 Test Cycles

Braid Worn Through In One Direction, In Several Places 700 Test Cycles

Material Destroyed -Braid Worn Through In **Both Directions** 950 Test Cycles

Pre-Test Weight 5,262.7 mg

Post-Test Weight 4,979.9 mg

Test End Loss Of Mass **Point Of Destruction** 239.3 mg



Rating UL94VO

1=No Effect 2=Little Effect 3=Affected

- 4=More Affected 5=Severely Affected
- Aromatic Solvents _____ 2 Aliphatic Solvents_____ 1 Chlorinated Solvents 3 Weak Bases 1 _____ 1 Salts 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 _____ 3 Strong Oxidants _____ 2 Esters/Ketones _____ 1 UV Light _____ 1 Petroleum _____ 1 Fungus ASTM G-21 _____ 1 Halogen Free _____Yes RoHS Yes SVHC None

Maximum	Continuous
	Mil - I-23053
25	7°F (125°C)

Melt Point

ASTM D-2117

482°F (250°C)-

Minimum Continuous -94°F (-70°C)

TEMPERATURES www.techflex.com ERATING OP

PHYSICAL **PROPERTIES**

Monofilament Diameter015" ASTM D-204
Flammability RatingUL94
Recommended Cutting Hot Knife
Colors3
Wall Thickness038"
Tensile Strength (Yarn) 10 ASTM D-2256 Lbs
Specific Gravity ASTM D-792 1.38
Moisture Absorption12 % ASTM D-570
Hard Vacuum Data ASTM E-595 at 10-5 torr
TML19
CVCM00
WVR16
Smoke D-Max 56 <i>ASTM E-662</i>
Outgassing Med
Oxygen Index21 ASTM D-2863

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