

Excellent Integrated System Limited

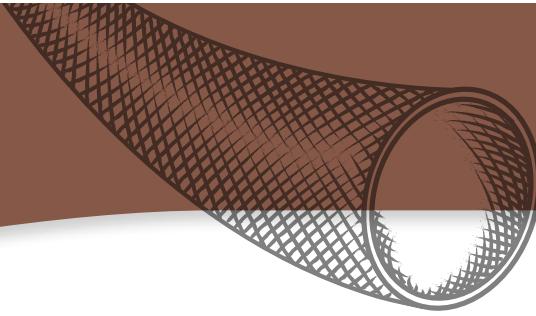
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Techflex](#)
[HWN1.00BK50](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

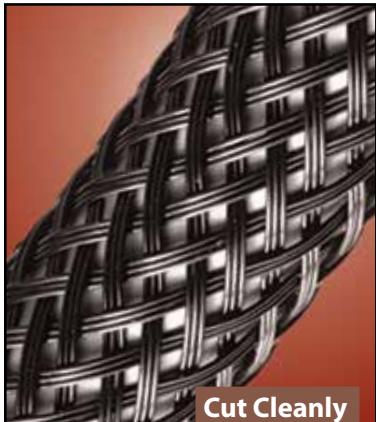


- Extreme Abrasion And Cut Resistance
- Resists Gasoline, UV, Solvents, Salt Water And Chemicals
- Braided From .15 mil PET Monofilament

Put-Ups

Nominal Size	Part #	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
		Min	Max				
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

50% Thicker For The Really Abrasive Jobs



Cut Cleanly
Hot Knife

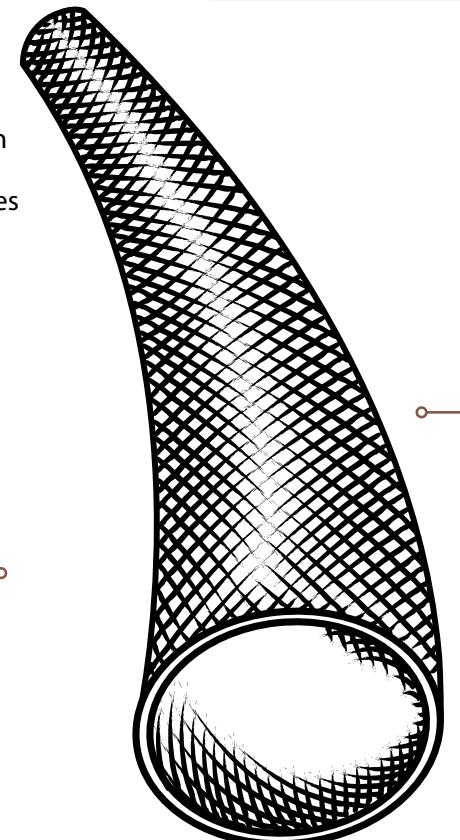
When your application calls for more protection than our 10 mil products provide, our 15 mil HW is the ideal solution.

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.

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

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).

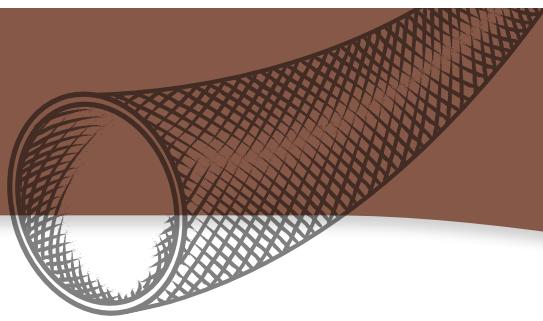


Braided Sleeving Products

www.techflex.com

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ABRASION FLAMMABILITY

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

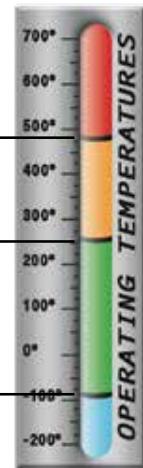
Test End Loss Of Mass Point Of Destruction 239.3 mg

Rating _____ UL94VO

Melt Point
ASTM D-2117
482°F (250°C)

Maximum Continuous
Mil-I-23053
257°F (125°C)

Minimum Continuous
-94°F (-70°C)



CHEMICAL RESISTANCE

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

Aromatic Solvents	2
Aliphatic Solvents	1
Chlorinated Solvents	3
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	3
Strong Oxidants	2
Esters/Ketones	1
UV Light	1
Petroleum	1
Fungus ASTM G-21	1
Halogen Free	Yes
RoHS	Yes
SVHC	None

PHYSICAL PROPERTIES

Monofilament Diameter	.015
ASTM D-204	
Flammability Rating	UL94
Recommended Cutting	Hot Knife
Colors	3
Wall Thickness	.038
Tensile Strength (Yarn)	10
ASTM D-2256 Lbs	
Specific Gravity ASTM D-792	1.38
Moisture Absorption	.1-2
% ASTM D-570	
Hard Vacuum Data	
ASTM E-595 at 10-5 torr	
TML	.19
CVCM	.00
WVR	.16
Smoke D-Max	56
ASTM E-662	
Outgassing	Med
Oxygen Index	21
ASTM D-2863	