



- Impact Resistant
- Dynamic Cut Through Resistance > 330 lbs. ASTM D 3032-22
- Self Extinguishing SAEJ369
- Prevents UV, Gas, & Chemical Damage
- Automotive Fluid And Chemical Resistance



Cut Cleanly
Hot Knife

Material
Polyester

Grade
BBN

Wall Thickness
.085"

Drawing Number
TF001NY-WD

Nominal Size	Part #	Wall Thickness	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100
			Min.	Max.				
3/8"	BBN0.38	.085"	N/A	N/A	50'	25'	BK & OR	N/A
1/2"	BBN0.50	.085"	1/2"	9/16"	50'	25'	BK & OR	6.20
5/8"	BBN0.63	.085"	5/8"	11/16"	50'	25'	BK & OR	7.10
3/4"	BBN0.75	.085"	N/A	N/A	50'	25'	BK & OR	N/A
1"	BBN1.00	.085"	N/A	N/A	50'	25'	BK & OR	N/A

Superior Cut-Through Protection Battle Braid

BATTLE BRAID (BBN) is a heavy duty cut resistant sleeve designed to protect wire and cable assemblies from heavy impacts and punctures. The durable polyester construction absorbs and dissipates energy to offer superior crush and abrasion protection. The orange Battle Braid is the perfect choice for EV manufacturers that require power cable identification for emergency crews in the case of a crash situation. This flexible lightweight sleeve shields brake lines from damage due to flying rocks or debris on industrial and military vehicles and offers excellent abrasion resistance for fuel and hydraulic hoses in extreme environments.

Available as well in black for fuel lines protection and low voltage applications.

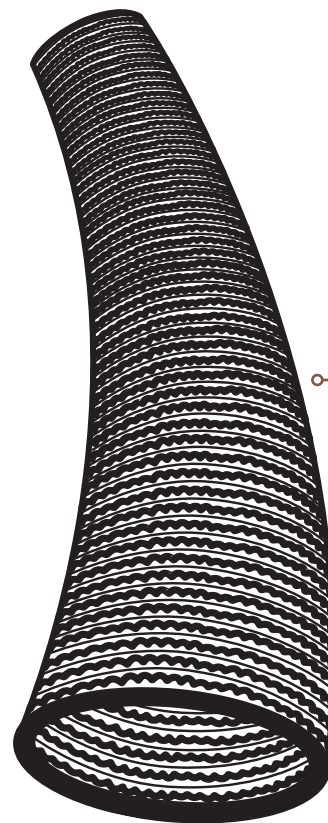
Colors Available:

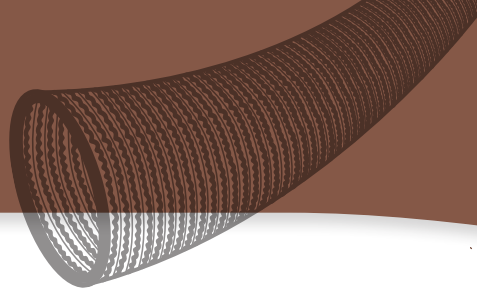


Orange (OR) & Black (BK).

Application: Automotive, Aerospace, Motorsports, Industrial, Marine.

Colors Available:
Orange (OR)
& Black (BK).





ABRASION

Abrasion Resistance
Extreme

Abrasion Test Machine
Taber Linear 5750

Method
ISO 6722

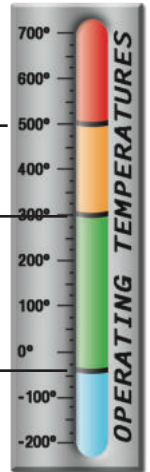
Abrasion Test Load
714 g

Material Destroyed
504,832 Test Cycles

Melt Point
ASTM D-2117
482-500°F (250-260°C)

Maximum Continuous
Mil-I-23053
302°F (150°C)

Minimum Continuous
-40°F (-40°C)



www.techflex.com

FLAMMABILITY

Rating _____ Self Extinguishing
SAEJ369

IMPACT RESISTANCE TEST

Pass = No Wires Showed Exposure of Copper Conductor

PHYSICAL PROPERTIES

Recommended Cutting _____ Hot Knife & Scissors
Colors _____ 2
Wall Thickness _____ .085"
Dynamic Cut Through Resistance _____ > 330 lbs.
ASTM D 3032-22

CHEMICAL RESISTANCE

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

Gasoline Fuel _____ 1
Diesel Fuel _____ 1
Brake Fluid _____ 1
Anti-Freeze Coolant _____ 1
20W/50 Motor Oil _____ 1
Transmission Fluid _____ 1
Power Steering Fluid _____ 1
Windshield Washer Fluid _____ 1
5% Salt Water _____ 1
Battery Fluid _____ 1