



- **Lightweight**
- **Flame Resistant**
- **Resists Sparks**
- **Double Wall Construction**
- **Tear Resistant**

Put-Ups

Nominal Size	Part #	Wall Thickness	Expansion Range		Bulk Spool	Shop Spool	Available Colors	Lbs/100'
			Min.	Max				
1/8"	DGN0.13BK	0.020"	1/16"	3/16"	500'	225'	Black BK	0.20
1/4"	DGN0.25BK	0.021"	1/8"	5/16"	500'	200'	Black BK	0.42
3/8"	DGN0.38BK	0.022"	3/16"	9/16"	500'	125'	Black BK	0.61
1/2"	DGN0.50BK	0.020"	5/16"	7/8"	500'	100'	Black BK	0.80
3/4"	DGN0.75BK	0.021"	3/8"	1"	250'	75'	Black BK	1.24
1 1/4"	DGN1.25BK	0.027"	5/8"	1 3/4"	250'	50'	Black BK	2.03
1 3/4"	DGN1.75BK	0.021"	3/4"	2 1/8"	200'	50'	Black BK	2.57
2"	DGN2.00BK	0.021"	1"	2 3/4"	200'	50'	Black BK	3.17



**Cut Cleanly
Scissors**

Material
Carbon Fiber

Grade
DGN

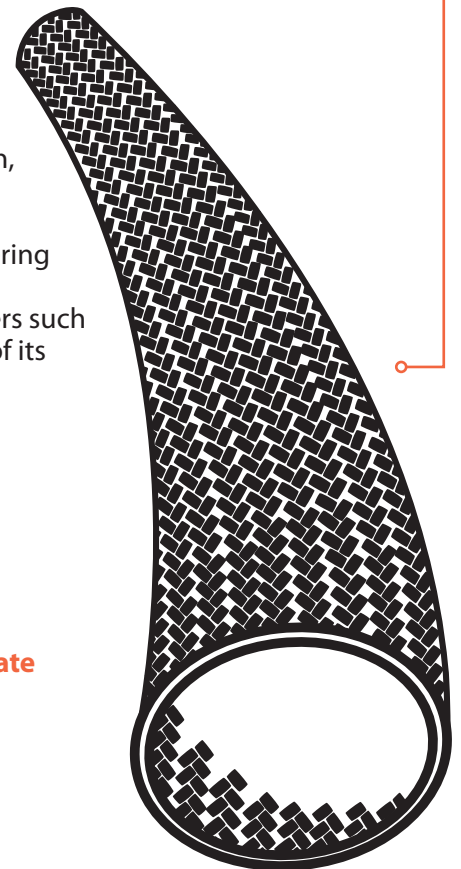
Wall Thickness
.02" - .03"

Drawing Number
TF001DGN-WD

**Dragon Sleeve
Flame Resistant**

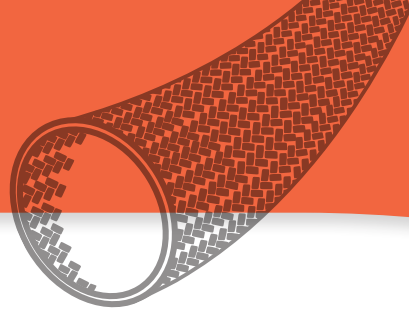
Techflex Dragon Sleeve (DGN) is a truly non flammable product created for use in the most extreme environments. If your application comes in contact with flames, molten metal, sparks or any variety of high temperature hazard Dragon products are available to take the abuse. Industries like motorsports, welding, fabrication, and fire safety will appreciate the versatility of Dragon Sleeve. The high flexibility braided construction is a one of a kind solution for covering hoses and wires with a fire prevention jacket. When compared to other "non-Flammable" fibers such as para-aramids Dragon fiber maintains 100% of its strength longer and at higher temperatures. Dragon Sleeve is available in 8 standard sizes.

Colors Available:
1 = BK



"Industries like motorsports, welding, fabrication, and fire safety will appreciate the versatility of Dragon Sleeve."





ABRASION

Abrasion Resistance
Low

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Tested at Room
Temperature

Visible Fraying
100 Test Cycles

Material Destroyed
200 Test Cycles

Pre-Test Weight
8,564.7mg

Post-Test Weight
6,897.6mg

Test End Loss Of Mass
Point Of Destruction
1,667.1mg



FLAMMABILITY

Rating _____ Flame Resistant



CHEMICAL RESISTANCE

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

Acid _____ 2

Alkaline _____ 3

Organic Solvent _____ 1

Bleach _____ 4



PHYSICAL PROPERTIES

Monofilament Diameter _____ .01"
ASTM D-204

Recommended Cutting _____ Scissors

Colors _____ 1

Wall Thickness _____ .02"-.03"

OTHER PROPERTIES

Limited Oxygen Index (LOI) _____ 45-55

Ultraviolet Resistance _____ Excellent

Char Shrinkage _____ Excellent

Char Strength _____ Excellent

Decomposition Temp _____ 450°C/842°F

RoHS _____ Yes