

- Economical, Long Lasting Protection
- Protects Up To 650°C
- Easy, Slip On Installation
- Resists Gasoline And Engine Chemicals
- Cut And Abrasion Resistant

Nominal Size	Part #	Diameter	Wall Thickness	Bulk Box	Available Colors
No Ring - Easy Install					
114,3mm	FBN0.75	19,1m	2,2mm	144	NT (all others special order)
190,5mm	FCN0.75	19,1m	2,2mm	144	NT, BL, RD, BK
304,8mm	FDN0.75	19,1m	2,2mm	144	NT, BL, RD, BK
With Ring					
190,5mm	FCU0.75	19,1m	2,2mm	144	NT,BL,BK,RD

Double Wall Fiberglass Sleeves Protect Wires And Spark Plug Boots To 650°C

For years, Techflex's Insultherm braided fiberglass sleeving has been the first choice among automotive professionals and enthusiasts alike for many of their thermal protection applications.

Now, we're introducing the same high temperature protection in an easy slip on sleeve that will extend the life of expensive spark plug wires by protecting them where they need it most... at the boot. Just slip these 19,1mm diameter double thickness (triple thick at the sewn end) sleeves over any spark plug cable and boot (even right angle boots) to protect them from engine temperatures in excess of 650°C. Once installed, the sleeves require no clearance from hot surfaces, and can even rest directly on hot exhaust headers without any effect.

Insultherm Spark Plug Boot Sleeves (FG) are completely non-conductive, resist all engine chemicals, will not support combustion, and provide an easy, economical solution to the challenge of wire protection in the cramped, high temperature environment of any high performance engine compartment.

Colors Available:

* = Available by special order only.
Contact your Rep.



Pre-Cut
Sleeves

Material

Resin Coated Fiberglass

Grade

SPB

Wall Thickness

2,2mm

Drawing Number

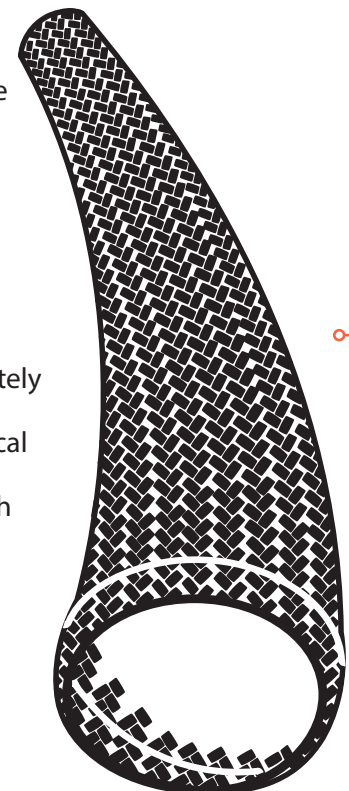
TF001SPB-WD

Sleeves can rest directly on hot headers and other engine components without burning, melting or becoming brittle.

Colors Available:



Natural (NT), Blue (BL),
Red (RD) and Black (BK).



ABRASION FLAMMABILITY

Abrasion Resistance
Extreme

Rating _____ VW-1

Abrasion Test Machine
Taber 5150

Abrasion Test Wheel
Calibrase H-18

Abrasion Test Load
500g

Room Temperature
71°F/22°C

Humidity
53%

Significant Holes Worn In
First Layer
Material Destroyed
3 750 Test Cycles

Beginning Abrasion Of
2nd Layer
4 000 Test Cycles

Some Separation Of
Braid - Material Breaking
Down
10 200 Test Cycles

Pre-Test Weight
26 984,20 mg

Post-Test Weight
19 745,60 mg

Test End Loss Of Mass
Point Of Destruction
7 238,60 mg

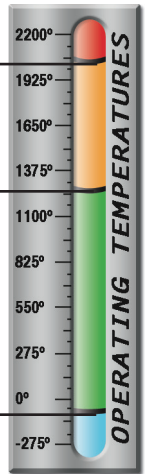
CHEMICAL RESISTANCE

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

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

Melt Point
ASTM D-2117
2,048°F (1,120°C)
Maximum Continuous
Mil-I-23053
1,202°F (650°C)

Minimum Continuous
-94°F (-70°C)



PHYSICAL PROPERTIES

Monofilament Diameter _____ NA
ASTM D-204
Flammability Rating _____ VW-1
FMVSS-302 Approved
Recommended Cutting _____ NA
Colors _____ 4
Wall Thickness _____ 2,2mm
Tensile Strength (Yarn) _____
ASTM D-2256 Lbs
Specific Gravity ASTM D-792 ____ 1,0-1,8
Moisture Absorption _____ 0,01
% ASTM D-570
Hard Vacuum Data _____
ASTM E-595 at 10-5 torr
TML _____ 0,02
CVCM _____ 0,01
WVR _____ 0,00
Smoke D-Max _____
ASTM E-662
Outgassing _____ Low
Oxygen Index _____
ASTM D-2863