

INSULTHERM® SPARK PLUG BOOT DOUBLE WALL FIBERGLASS SLEEVE · EASY SLIP ON INSTALLATION PROTECTS WIRES & SPARK PLUG BOOT UP TO 1,200°

For years, Techflex® 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 3/4" 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 1,200°F. 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 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.

SIZING CHART

Nominal Size	Part #	Diameter	Wall Thickness	Put-Ups/ Pcs.	Available Colors	Lbs/ Piece
NO RING - EASY INSTALL						
4½"	FBN0.75	¾"	.085"	144	4*	
7½"	FCN0.75	¾"	.085"	144	4	
12"	FDN0.75	¾"	.085"	144	4	
WITH RING						
7½"	FCU0.75	¾"	.085"	144	4	

FEATURES

Material	Resin Coated Fiberglass
Grade	SPB
Wall Thickness	.085"
Drawing Number	TF001SPB-WD
Cutting	Pre-Cut

COLORS



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

*4 = NT is a standard color, all others are a special order

CERTIFICATIONS



VW-1



TECHFLEX®
Braided Sleeving Products



ABRASION

Abrasion Resistance	EXTREME
Abrasion Test Machine	Taber 5150
Abrasion Test Wheel	Calibrase H-18
Abrasion Test Load	500g
Room Temperature	71°F
Humidity	53%
Significant Holes Worn In First Layer	3,750 Test Cycles
Beginning Abrasion Of 2 nd Layer	4,000 Test Cycles
Material Destroyed - Material Breaking Down	10,200 Test Cycles
Pre-Test Weight	23,984.2 mg
Post-Test Weight	19,745.6 mg
Test End Loss Of Mass Point Of Destruction	7,238.6 mg

PHYSICAL PROPERTIES

Monofilament Diameter (ASTM D-204)	NA
Flammability Rating	VW-1
Recommended Cutting	NA
Colors	4
Wall Thickness	.085"
Tensile Strength (Yarn) (ASTM D-2256 Lbs)	NA
Specific Gravity (ASTM D-792)	1.0-1.8
Moisture Absorption % (ASTM D-570)	.01
Hard Vacuum Data (ASTM E-595 at 10-5 torr)	NA
TML	.02
CVCN	.01
WVR	.00
Smoke D-Max (ASTM E-662)	NA
Outgassing	Low
Oxygen Index (ASTM D-2863)	NA

FLAMMABILITY

Rating	VW-1
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OPERATING TEMPERATURES

Melt Point (ASTM D-2117)	2,048°F / 1,120°C
Maximum Continuous (Mil-I-23053)	1,202°F / 650°C
Minimum Continuous (Mil-I-23053)	-94°F / -70°C

CHEMICAL RESISTANCE

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

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