

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* | .040 |
| 7½" | FCN0.75 | ¾" | .085" | 144 | 4 | .095 |
| 12" | FDN0.75 | ¾" | .085" | 144 | 4 | .140 |
| WITH RING | | | | | | |
| 7½" | FCU0.75 | ¾" | .085" | 144 | 4 | .100 |

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 |
| CVCM | .01 |
| WVR | .00 |
| Smoke D-Max (ASTM E-662) | NA |
| Outgassing | Low |
| Oxygen Index (ASTM D-2863) | NA |

FLAMMABILITY

| | |
|--------|------|
| Rating | VW-1 |
|--------|------|

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 |