

WELD WRAP WELD SPLATTER, HOT SLAG, & WELDING SPARK PROTECTION STAYS FLEXIBLE IN LOW TEMPERATURES

Techflex[®] Weld Wrap[®] (WWN) is braided from fiberglass yarns with high temperature coating and velcro closure. Commonly used for protecting welding hoses against flame and abrasion, when dragging weld slag across the floor. This product will withstand continuous exposure to temperatures of 400°F/204.4°C, and intermittent introduction to temperatures of 750°F/399°C. The heavy duty hook and loop closure ensures a tight seal and allows Weld Wrap[®] to be installed easily over existing assemblies. Weld Wrap[®] also provides a high level of abrasion and penetration protection to increase the useful life of any hoses exposed to rough or abrasive surfaces.

SIZING CHART

| Nominal | Davt # | | | *Put-Ups | | Available | Lbs/ |
|---------|-----------|-------------|----------------|----------|------|-----------|-------|
| Size | Part # | Velco Width | Wall Thickness | Μ | L | Colors | 100' |
| 1" | WWN1.00BK | .84" | .04" | 50' | 150' | 1 | 8.40 |
| 1½" | WWN1.50BK | .84" | .04" | 50' | 150' | 1 | 11.00 |
| 2" | WWN2.00BK | 1.55″ | .04" | 50' | 150' | 1 | 13.80 |
| 2¾" | WWN2.38BK | 1.55″ | .04" | 50' | 150' | 1 | 14.80 |
| 2¾" | WWN2.75BK | 1.55" | .04" | 50' | 150' | 1 | 16.40 |
| 3" | WWN3.00BK | 1.55″ | .04" | 50' | 150' | 1 | 18.40 |
| 3¼" | WWN3.25BK | 1.55" | .04" | 50' | 150' | 1 | 19.20 |
| 3½" | WWN3.50BK | 1.55" | .04" | 50' | 150' | 1 | 20.40 |
| 4" | WWN4.00BK | 1.55" | .04" | 50' | 150' | 1 | 21.70 |

*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

| Material | Fiberglass |
|----------------|-----------------|
| Grade | WWN |
| Wall Thickness | .04" |
| Drawing Number | TF001WWN-WD |
| Cutting | Scissors/Shears |





Black (BK)

CERTIFICATIONS





HIGH TEMPERATURE Technical Data Sheet





ABRASION

| Abrasion Resistance | HIGH |
|--|-------------------|
| Abrasion Test Machine | Taber 5150 |
| Abrasion Test Wheel | Calibrase H-18 |
| Abrasion Test Load | 500g |
| Room Temperature | 77°F |
| Humidity | 70% |
| Material Destroyed - Two Small Holes Worn Through | 1,060 Test Cycles |
| Pre-Test Weight | 7,857.4 mg |
| Post-Test Weight | 6,602.2 mg |
| Test End Loss Of Mass Point Of Destruction | 1,255.2 mg |

FLAMMABILITY

| Rating | Non Flammable |
|--------|---------------|
| | |

OPERATING TEMPERATURES

| Intermitten Exposure | 750°F / 399°C |
|----------------------------------|---------------|
| Maximum Continuous (Mil-1-23053) | 400°F / 204°C |
| Minimum Continuous | -40°F / -40°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 (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 | 1 |
| Petroleum | 1 |
| Fungus (ASTM G-21) | 1 |
| Halogen Free | NA |
| RoHS | NA |
| SVHC | NA |

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PHYSICAL PROPERTIES

| Monofilament Diameter (ASTM D-204) | NA |
|--|-----------------|
| Flammability Rating | Non Flammable |
| Recommended Cutting | Scissors/Shears |
| Colors | 1 |
| Wall Thickness | .04" |
| Tensile Strength (Yarn) (ASTM D-2256 Lbs) | NA |
| Specific Gravity (ASTM D-792) | NA |
| Moisture Absorption % (ASTM D-570) | NA |
| Hard Vacuum Data (ASTM E-595 at 10-5 torr) | NA |
| TML | NA |
| CVCM | NA |
| WVR | NA |
| Smoke D-Max (ASTM E-662) | NA |
| Outgassing | NA |
| Oxygen Index (ASTM D-2863) | NA |