



WELD WRAP

PROTECTS VULNERABLE WELDING HOSES FROM CATASTROPHIC FAILURE

STAYS FLEXIBLE IN LOW TEMPERATURES

Techflex® WELD WRAP® (WWH) is braided from silica yarns with a high temperature coating and as well as hook and loop closure. Commonly used for protecting welding hoses from molten splatter and abrasion from moving and dragging. This product will withstand continuous exposure to temperatures of 500°F, and intermittent exposure to temperatures of 2,000°F. 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 Size | Part # | Velcro Width | Wall Thickness | *Put-Ups | | Available Colors | Lbs/100' |
|--------------|-----------|--------------|----------------|----------|-----|------------------|----------|
| | | | | M | L | | |
| 1" | WWH1.00SV | 5/8" | .051" | 25' | 50' | 1 | 13.15 |
| 1½" | WWH1.50SV | 5/8" | .051" | 25' | 50' | 1 | 16.94 |
| 2" | WWH2.00SV | 5/8" | .051" | 25' | 50' | 1 | 20.81 |
| 3" | WWH3.00SV | 5/8" | .051" | 25' | 50' | 1 | 28.53 |

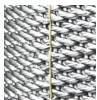
*Put-Ups: "M" = Shop Spool and "L" = Bulk Spool



FEATURES

| | |
|----------------|------------------------|
| Material | Silicone Coated Silica |
| Grade | WWH |
| Wall Thickness | .051" |
| Drawing Number | TF001WWH-WD |
| Cutting | Scissors/Shears |

COLORS



Silver (SV)

CERTIFICATIONS





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 |

PHYSICAL PROPERTIES

| | |
|--|-----------------|
| Monofilament Diameter (ASTM D-204) | NA |
| Flammability Rating | Non Flammable |
| Recommended Cutting | Scissors/Shears |
| Colors | 1 |
| Wall Thickness | .051" |
| 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 |
| CVCN | NA |
| WVR | NA |
| Smoke D-Max (ASTM E-662) | NA |
| Outgassing | NA |
| Oxygen Index (ASTM D-2863) | NA |

FLAMMABILITY

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

OPERATING TEMPERATURES

| | |
|----------------------------------|-------------------|
| Intermittent Exposure | 2,000°F / 1,093°C |
| Maximum Continuous (Mil-I-23053) | 500°F / 260°C |
| Minimum Continuous | -65°F / -54°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 |