

INSULTHERM™ ULTRAFLEXX PRO

- UL Recognized
- Continuous Filament E-Type Glass
- Resists Abrasion, Vibration, And Mechanical Stress
- Easy To Install Cuts With Scissors
- Stays Flexible In Low Temps



For Easy Installation

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Fiberglass

Grade

FHH

Wall Thickness

Refer to Chart

| Nominal | Part | Wall | Expansi | on Range | Bulk | Shop | Available | Lbs/ |
|---------|-----------|-----------|---------|----------|-------|-------|-----------|-------|
| Size | # | Thickness | Min. | Max. | Spool | Spool | Colors | 100′ |
| 1/2" | FHH0.50NT | 0.025" | 3/8" | 5/8" | 100′ | 50′ | Natural | 3.50 |
| 3/4" | FHH0.75NT | 0.040" | 5/8" | 1 5/32" | 100′ | 50′ | Natural | 8.00 |
| 1" | FHH1.00NT | 0.032" | 7/8" | 1 3/8" | 50′ | 25′ | Natural | 7.00 |
| 1 1/4" | FHH1.25NT | 0.035" | 1" | 1 3/4" | 50′ | 25′ | Natural | 10.50 |
| 1 1/2" | FHH1.50NT | 0.035" | 1 1/8" | 2 1/8" | 50′ | 25′ | Natural | 10.00 |

Put-Ups -

Heavy Wall Fiberglass Protects To 1,200°F

The heavy wall (1/32") construction, large available diameters and high expandability of Ultraflexx Pro provides a high level of protection and ease of installation when used to insulate pipes and hoses subject to abrasion and vibration.

Ultraflexx Pro cuts easily with scissors, and special heat treated construction minimizes fraying and dusting during assembly.

"...will withstand extreme heat...
provides the protection needed"

Colors Available:
Natural (NT)





www.techflex.com

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INSULTHERM™ ULTRAFLEXX PRO



Abrasion Resistance Medium

Abrasion Test Machine Taber 5150

Abrasion Test Wheel Calibrase H-18

Abrasion Test Load 500g

Room Temperature 75°F

Humidity 72%

Individual Fibers Visibly Broken 150 Test Cycles

Braid Worn Through In One Direction

500 Test Cycles

Material Destroyed 525 Test Cycles

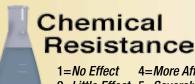
Pre-Test Weight *20,831.10 mg

Post-Test Weight *19,203.20 mg

Test End Loss Of Mass Point Of Destruction 1,140.51 mg

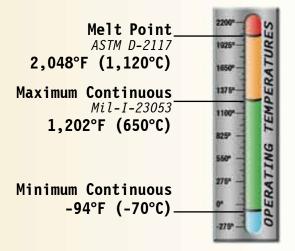
*Weight Includes **Mounting Card**





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 <i>0-S-1926</i> | 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/Keytones | 1 |
| UV Light | 2 |
| Petroleum | 1 |
| Fungus ASTM G-21 | 1 |
| Halogen Free | Yes |
| RoHS | Yes |
| SVHC | None |



PHYSICAL PROPERTIES

| Monofilament Diameter_ ASTM D-204 | NA |
|---|----------------------|
| Flammability Rating | VW-1 |
| Recommended Cutting_ | Scissor |
| Colors | 1 |
| Wall Thickness | .025035 |
| Tensile Strength (Yarn)_ ASTM D-2256 Lbs | |
| Specific Gravity ASTM D- | <i>-792</i> 1.0-1.8 |
| Moisture Absorption % ASTM D-570 | .01 |
| Hard Vacuum Data ASTM | 1 E-595 at 10-5 torr |
| TML | .01 |
| CVCM | |
| WVR | .00 |
| Smoke D-Max ASTM E-662 | |
| Outgassing | Low |
| Oxygen Index | |