

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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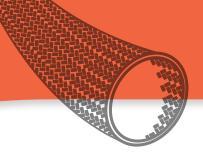
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China











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



Scissors

Mataria	
Material	

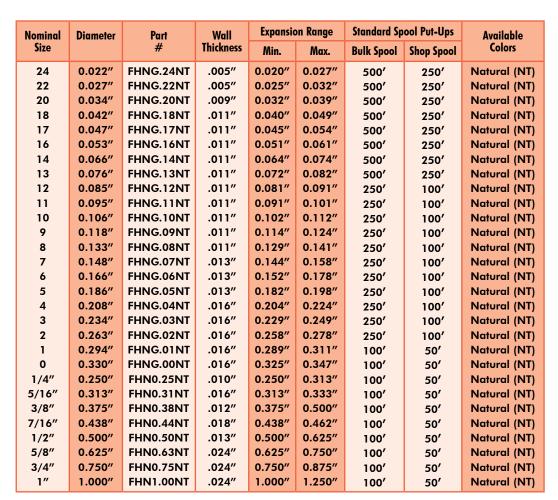
**Fiberglass** 

#### Grade

**FHN** 

### **Wall Thickness**

Refer to Chart



## Braided Fiberglass Protects up to 1,200°F

INSULTHERM ULTRAFLEX fiberglass sleeving is ideal for the protection of wires and hoses exposed to the heat generated from high performance engine and exhaust components.

The heat treated sleeving cuts with scissors and is compatible with most bonding and saturation systems.

Ultraflex expands slightly, allowing it to slide easily over wires and follow curves and contours without binding.



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















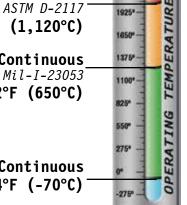
Rating \_\_\_\_\_ VW-1

2,048°F (1,120°C) Maximum Continuous

Mil-I-23053 1,202°F (650°C)

Melt Point

Minimum Continuous -94°F (-70°C)



www.techflex.com

**Abrasion Resistance** Medium

**Abrasion Test Machine** Taber 5150

Abrasion Test Wheel Calibrase H-18

**Abrasion Test Load** 500g

Room Temperature 78°F

**Humidity** 72%

**Material Destroyed 1000 Test Cycles** 

**Pre-Test Weight** 3,374.0 mg

**Post-Test Weight** 2,839.3 mg

**Test End Loss Of Mass Point Of Destruction** 534.7 mg

# **CHEMICAL** RESISTANCE

1=No Effect

4=More Affected

2=Little Effect

5=Severely Affected

3=Affected

Aromatic Solvents \_\_\_\_\_\_ 1 Aliphatic Solvents \_\_\_\_\_\_ 1 Chlorinated Solvents \_\_\_\_\_\_ 1 Weak Bases \_\_\_\_\_\_ 1 Salts Strong Bases \_\_\_\_\_ 1 Salt Water *0-S-1926*\_\_\_\_\_\_1 Hydraulic Fluid MIL-H-5606 \_\_\_\_\_\_ 1 Lube Oil MIL-L-7808 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

# **PHYSICAL**

Monofilament Diameter ASTM D-204	NA
Flammability Rating	VW-1
Recommended Cutting	Scissor
Colors	1
Wall Thickness	
Tensile Strength (Yarn) ASTM D-2256 Lbs	
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	
TML	.01
CVCM	.00
WVR	.00
Smoke D-Max ASTM E-662	
Outgassing	Low
Oxygen Index ASTM D-2863	