

## Braided Fiberglass Protects Up To 1,200°F

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

FHN can be used where space factor electrical insulation is sufficient, but high temperature protection is required. It is typically used for insulation on low voltage applications such as leads in toasters, range units, and other appliances. Ultraflex expands slightly, allowing it to slide easily over wires and follow curves and contours without binding.

Ultraflex undergoes a unique heat treatment process during manufacturing to remove impurities, improve handling, and allow for easy cutting with scissors. The absence of an acrylic binder results in an extremely flexible and versatile sleeve. Both long-lasting and sturdy, FHN is an economical choice for low voltage and high temperature protection.

- **Continuous Filament E-Type Glass**
- **Resists Abrasion, Vibration, and Mechanical Stress**
- **Easy to Install - Cuts With Scissors**
- **Stays Flexible in Low Temperatures**

Nominal Size	Diameter	Part #	Wall Thickness	Expansion Range		Standard Spool Put-Ups		Available Colors
				Min.	Max.	Bulk Spool	Shop Spool	
24	0.022"	FHNG.24NT	.005"	0.020"	0.027"	500'	250'	Natural (NT)
22	0.027"	FHNG.22NT	.005"	0.025"	0.032"	500'	250'	Natural (NT)
20	0.034"	FHNG.20NT	.009"	0.032"	0.039"	500'	250'	Natural (NT)
18	0.042"	FHNG.18NT	.011"	0.040"	0.049"	500'	250'	Natural (NT)
17	0.047"	FHNG.17NT	.011"	0.045"	0.054"	500'	250'	Natural (NT)
16	0.053"	FHNG.16NT	.011"	0.051"	0.061"	500'	250'	Natural (NT)
14	0.066"	FHNG.14NT	.011"	0.064"	0.074"	500'	250'	Natural (NT)
13	0.076"	FHNG.13NT	.011"	0.072"	0.082"	500'	250'	Natural (NT)
12	0.085"	FHNG.12NT	.011"	0.081"	0.091"	250'	100'	Natural (NT)
11	0.095"	FHNG.11NT	.011"	0.091"	0.101"	250'	100'	Natural (NT)
10	0.106"	FHNG.10NT	.011"	0.102"	0.112"	250'	100'	Natural (NT)
9	0.118"	FHNG.09NT	.011"	0.114"	0.124"	250'	100'	Natural (NT)
8	0.133"	FHNG.08NT	.011"	0.129"	0.141"	250'	100'	Natural (NT)
7	0.148"	FHNG.07NT	.013"	0.144"	0.158"	250'	100'	Natural (NT)
6	0.166"	FHNG.06NT	.013"	0.152"	0.178"	250'	100'	Natural (NT)
5	0.186"	FHNG.05NT	.013"	0.182"	0.198"	250'	100'	Natural (NT)
4	0.208"	FHNG.04NT	.016"	0.204"	0.224"	250'	100'	Natural (NT)
3	0.234"	FHNG.03NT	.016"	0.229"	0.249"	250'	100'	Natural (NT)
2	0.263"	FHNG.02NT	.016"	0.258"	0.278"	250'	100'	Natural (NT)
1	0.294"	FHNG.01NT	.016"	0.289"	0.311"	100'	50'	Natural (NT)
0	0.330"	FHNG.00NT	.016"	0.325"	0.347"	100'	50'	Natural (NT)
1/4"	0.250"	FHN0.25NT	.010"	0.250"	0.313"	100'	50'	Natural (NT)
5/16"	0.313"	FHN0.31NT	.016"	0.313"	0.333"	100'	50'	Natural (NT)
3/8"	0.375"	FHN0.38NT	.012"	0.375"	0.500"	100'	50'	Natural (NT)
7/16"	0.438"	FHN0.44NT	.018"	0.438"	0.462"	100'	50'	Natural (NT)
1/2"	0.500"	FHN0.50NT	.013"	0.500"	0.625"	100'	50'	Natural (NT)
5/8"	0.625"	FHN0.63NT	.024"	0.625"	0.750"	100'	50'	Natural (NT)
3/4"	0.750"	FHN0.75NT	.024"	0.750"	0.875"	100'	50'	Natural (NT)
1"	1.000"	FHN1.00NT	.024"	1.000"	1.250"	100'	50'	Natural (NT)



Insultherm Ultraflex is a highly flexible heat protection sleeving with no added coatings or binders.