



# Insultherm TF

## Heat Treated, Fray-Resistant Fiberglass Sleeving

Techflex INSULTHERM TRU-FIT (FGL) is a braided fiberglass sleeving which has been heat treated and impregnated with an acrylic binder to reduce fraying and dusting, and improve usability and performance. FGL is engineered for applications where temperatures as high as 1,200°F may be encountered.

FGL is used as primary insulation on low voltage applications such as leads in toasters, coffee makers, ranges and other appliances. FGL may also be used as insulation and protection for small heaters and resistors that operate at high temperatures, and to insulate over soldered connections when exposure to solder melt temperatures is possible.

Insultherm Tru-Fit provides a sturdy, long lasting and inexpensive insulation solution. It is flexible and expandable, and can easily be installed over applications with irregular shapes and tight turns. Standard colors are Black and Natural, but other colors are available by special order. Contact your Account Representative for details.

- **Rated to 464°F**
- **For High Temp - Low Voltage Applications**
- **Cut and Abrasion Resistant**
- **UL Recognized: VW-1**
- **Easy to Install - Cuts with Scissors**
- **Excellent Low Temp Flexibility**
- **Resists Most Organic Solvents**

Nominal Size	Diameter	Part #	Wall Thickness	Expansion Range		Standard Spool Put-Ups		Available Colors
				Min.	Max.	Bulk Spool	Shop Spool	
24	0.022"	FGLG.24	.006"	0.020"	0.027"	500'	250'	BK & NT
22	0.027"	FGLG.22	.006"	0.025"	0.032"	500'	250'	BK & NT
20	0.034"	FGLG.20	.006"	0.032"	0.039"	500'	250'	BK & NT
18	0.042"	FGLG.18	.006"	0.040"	0.049"	500'	250'	BK & NT
16	0.053"	FGLG.16	.006"	0.051"	0.061"	500'	250'	BK & NT
14	0.066"	FGLG.14	.006"	0.064"	0.072"	500'	250'	BK & NT
12	0.085"	FGLG.12	.006"	0.081"	0.089"	250'	100'	BK & NT
11	0.095"	FGLG.11	.008"	0.091"	0.101"	250'	100'	BK & NT
10	0.106"	FGLG.10	.008"	0.102"	0.112"	250'	100'	BK & NT
9	0.118"	FGLG.09	.008"	0.114"	0.124"	250'	100'	BK & NT
8	0.133"	FGLG.08	.008"	0.129"	0.141"	250'	100'	BK & NT
7	0.148"	FGLG.07	.008"	0.144"	0.158"	250'	100'	BK & NT
6	0.166"	FGLG.06	.010"	0.162"	0.178"	250'	100'	BK & NT
5	0.186"	FGLG.05	.010"	0.182"	0.198"	250'	100'	BK & NT
4	0.208"	FGLG.04	.010"	0.204"	0.224"	250'	100'	BK & NT
3	0.234"	FGLG.03	.010"	0.229"	0.249"	250'	100'	BK & NT
2	0.263"	FGLG.02	.010"	0.258"	0.278"	250'	100'	BK & NT
1	0.294"	FGLG.01	.010"	0.289"	0.311"	100'	50'	BK & NT
0	0.330"	FGLG.00	.016"	0.325"	0.347"	100'	50'	BK & NT
3/8"	0.375"	FGL0.38	.016"	0.375"	0.399"	100'	50'	BK & NT
7/16"	0.438"	FGL0.44	.016"	0.438"	0.462"	100'	50'	BK & NT
1/2"	0.500"	FGL0.50	.016"	0.500"	0.524"	100'	50'	BK & NT
5/8"	0.625"	FGL0.63	.016"	0.625"	0.655"	100'	50'	BK & NT
3/4"	0.750"	FGL0.75	.016"	0.750"	0.786"	100'	50'	BK & NT



Protect component wiring leads from heat and abrasion with Insultherm Tru-Fit for an attractive and permanent finish.

