

Quick Selection Chart

Type	Product	Shrink Ratio	Minimum Shrink Temperature (℃)	Operating Temperature (℃)	Voltage (V)	Flame Retardant	Adhesive	UL File No.	CSA File No.	AMS Spec.	Standard Color	Special Color																	
Single Wall	GSHS-1625G	2:1	90	-55 ~ 125	600			E84393																					
	GSHS-1625G-HF																												
	GSHS-1625GT-HF		80		300																								
	LS-1625FS		90	600																									
	GSHS-1625N																												
	GSHS-1635F	3:1	130	-55 ~ 135	600			E84393	LR55659	AMS-DTL-23053/5																			
	GSHS-1635F YLGN																												
	GSHS-1635S																												
	GSHS-3635							4:1	90					E84393															
	GSHS-4635													E153276															
Dual Wall	GSHS-1625BS	2:1	130	-55 ~ 105	600			E153276		AMS-DTL-23053/4 class2																			
	GSHS-1625W			-55 ~ 125																									
	GSHS-2690NW	3:2	120	-30~90																									
	LS-2690R																												
	GSHS-3625WS	3:1	130	-55~135	600			E153276		AMS-DTL-23053/4 class1																			
	GSHS-3635W		120																										
	GSHS-4635WS	4:1	130																										
	GSHS-4635WT		120																										
	GSHS-4650WS		130																										
	LG-CATV	3:1	120	-55 ~ 120				E84393		MIL-I-23053/15																			
	LS-PHWT-FR																												
	LS-PMWT-FR																												
Special	GSHS-1675	2:1	175	-55 ~ 175	600			E84393	LR55659	AMS-DTL-23053/8																			
	GSHS-3625LT	3:1	90	-55 ~ 125																									
	LG-BBHV	2.5:1	120		2500																								
	LG-BBLV				1000																								
	LG-CRFR	2:1	135	-70 ~ 121						AMS-DTL-23053/11 class2																			
	LG-DRET			-75 ~ 120																									
	LS-DR150		175	-75 ~ 150						AMS-DTL-23053/16																			
	LS-V200			-55 ~ 200																									
LG-GSP	3:1	90	-55 ~ 105							AMS-DTL-23053/13																			
Non Heat-shrinkable	EIT-600			-55 ~ 125	600			E153276																					
	TITR-600		-55 ~ 175																										
	SPIT-HF			-55 ~ 105	300			E340792																					

white yellow red blue green gray violet orange brown clear YLGN

For clear products, UL & CSA recognitions are not available (including flame retardant).
Operating temperature range is based on crosslinked outer wall.

GSHS-1625G

Non-toxic Flexible Polyolefin Tubing



Special Features

- Low smoke and acid gas emission.
- It has excellent flame retardance, flexibility, and insulation.

Application

- Suitable for various electric insulation, strain relief, and bonding of cables and connectors and widely applied for interconnection or termination.
- Light-duty harnessing, jacketing, bundling, and color coding of electric wires.

Key Specifications

- Operating temperature range : -55 °C ~ 125 °C(except clear products)
- Flammability : UL VW-1, -F- mark(except clear products)
- Minimum shrink temperature : 90 °C
- Shrink ratio : 50% or more in radial direction
- Standards
UL 224(File No. E84393 : VW-1, 600V, 125 °C, except clear products)

Properties		Values	Test Methods
Physical	Density	Max. 1.40g/cm ³ @23°C	ASTM D 792
	Unaged	Tensile strength	Min. 1.1kgf/mm ²
		Elongation	Min. 200%
	Aged	Tensile strength	Min. 0.8kgf/mm ²
		Elongation	Min. 100%
	Heat shock	Pass @250°Cx4hrs	UL 224
	Low temperature flexibility	No crack @ -55°Cx4hrs	ASTM D 2671
	Secant modulus	Max. 173MPa	UL 224
Electrical	Dielectric voltage withstand	Unaged	Min. 2,500V/1min.
		Aged	158°C/168hrs
Chemical	Volume resistivity	Min. 1x10 ¹⁴ Ω-cm	ASTM D 257
	Copper corrosion	No corrosion	UL 224
	Flammability	Pass	UL 224
	Smoke index (SI)	Max. 70/flame mode Max. 100/non flame mode	ASTM E 662