

# MEDICAL GRADE HEAT SHRINKABLE FLUOROPOLYMER

SEMI-RIGID • THIN-WALL • 2:1 • USP CLASS VI

**HSMG-A** is USP Class VI material designed for electrical insulation and strain relief of components that are exposed to high temperatures during use or sterilization. It has a tough, semi-rigid, thin-wall construction for applications where space between components is minimal. **HSMG-A** is compatible with gamma, ETO, steam and dry heat sterilization.

Applicable Specifications: USP Class VI  
 Operating Temperature Range: -67°F (-55°C) to 347°F (175°C)  
 Shrink Ratio: 2 to 1  
 Shrink Temperature: 347°F (175°C)  
 Recommended Heat Gun: 500°F (260°C)  
 Standard Colors: Translucent  
 Standard Shipping Length: Available in cut pieces or 4 Foot Lengths

Catalog Number Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness	
	inches	mm	inches	mm	inches	mm
HSMG-A-1/16	0.063	1.60	0.031	0.79	0.010	0.25
HSMG-A-3/32	0.093	2.36	0.046	1.17	0.010	0.25
HSMG-A-1/8	0.125	3.18	0.063	1.60	0.010	0.25
HSMG-A-3/16	0.188	4.76	0.093	2.36	0.010	0.25
HSMG-A-1/4	0.250	6.35	0.125	3.18	0.013	0.33
HSMG-A-3/8	0.375	9.53	0.188	4.76	0.013	0.33
HSMG-A-1/2	0.500	12.70	0.250	6.35	0.013	0.33

# MEDICAL GRADE HEAT SHRINKABLE FLUOROPOLYMER

FLEXIBLE • THIN-WALL • 2:1 • USP CLASS VI

**HSMG-C** is another USP Class VI tubing product designed for electrical insulation and strain relief of components that are exposed to high temperatures during use or sterilization. It also has a tough, thin-wall construction but is more flexible than its HSMG-A counterpart. **HSMG-C** is able to withstand autoclave (limited cycles), gamma, ETO, and dry heat sterilization.

Applicable Specifications: USP Class VI  
 Operating Temperature Range: -67°F (-55°C) to 302°F (150°C)  
 Shrink Ratio: 2 to 1  
 Shrink Temperature: 302°F (150°C)  
 Recommended Heat Gun: 500°F (260°C)  
 Standard Colors: Black  
 Standard Shipping Length: Available in cut pieces, coils, or spools

Catalog Number Size	Minimum Expanded I.D.		Maximum Recovered I.D.		Recovered Wall Thickness	
	inches	mm	inches	mm	inches	mm
HSMG-C-1/16	0.063	1.60	0.031	0.80	0.010	0.25
HSMG-C-3/32	0.093	2.36	0.046	1.20	0.010	0.25
HSMG-C-1/8	0.125	3.18	0.063	1.60	0.010	0.25
HSMG-C-3/16	0.188	4.76	0.093	2.36	0.010	0.25
HSMG-C-1/4	0.250	6.35	0.125	3.18	0.012	0.30
HSMG-C-3/8	0.375	9.53	0.188	4.76	0.012	0.30
HSMG-C-1/2	0.500	12.70	0.250	6.35	0.012	0.30