

SHRINK RATIO 2:1
MIL-DTL-23053/13
FLAME RETARDANT,
UL VW-1 RoHS COMPLIANT

VIT-200 is a modified fluoroelastomer heat shrinkable tube designed for superior impact, abrasion and cut through resistance. VIT-200 is designed for high impact applications such as aerospace and military applications. It is highly resistant to corrosive fluids, fuels, lubricants, acids, and solvents at an elevated temperature.



Characteristics

- Operating Temperature: -55° to 200° Celsius
- Minimum Full Recovery Shrink Temperature: 175°C
- Flame Retardant, UL VW-1
- Shrink Ratio: 2:1
- Environmentally Friendly
- Packaging: 1/8" to 2" Inch Spools Standard Wall and 3/8" to 2" Thin Wall

Standard Wall Specifications

Gamma Part No. W/ Size	Minimum Expanded as Supplied		Maximum Re-covered After Heating		Recovered Thickness After Heating		Standard Packaging Spool
	mm	inch	mm	inch	mm	inch	
VIT-200-1/8-0-SP	3.2	0.125	1.6	0.06299	0.76	0.0299	200'
VIT-200-3/16-0-SP	4.8	0.187	2.4	0.0945	0.90	0.0354	200'
VIT-200-1/4-0-SP	6.4	0.250	3.2	0.125	0.90	0.0354	200'
VIT-200-3/8-0-SP	9.5	0.375	4.8	0.187	0.90	0.0354	200'
VIT-200-1/2 0-SP	12.7	0.50	6.4	0.250	1.10	0.04331	100'
VIT-200-3/4-0-SP	19.1	0.75	9.5	0.375	1.30	0.05118	100'
VIT-200-1-0-SP	25.4	1.00	12.7	0.5	1.65	0.06496	100'
VIT-200-1-1/2-0-SP	38.1	1.50	19.1	0.75	1.90	0.07480	50'
VIT-200-2-0-SP	50.8	2.00	25.4	1.00	2.80	0.110236	50'

Color Code: 0=BLK – This tube is only available in black.
P/N Example: UV-20AL-1/4-0 = Black 1/4" Tubing

Properties

Property	Test Method	Standard Value
Tensile Strength (MPa)	ASTM D2671	10.0
Elongation (%)	ASTM D2671	300
Tensile Strength After Aging (MPa)	UL224 158°C, 168hr	8.5
Elongation After Aging (%)	UL224 158°C, 168hr	250
Dielectric Strength (kV/mm)	IEC243	17.5
Volume Resistance (Ω -cm)	ASTM D876	2.5×10^9
Flammability	VW-1	Pass

Thin Wall Specifications

Gamma Part No. W/ Size	Minimum Expanded as Supplied		Maximum Re-covered After Heating	Recovered Thickness After Heating	Standard Packaging Spool
	mm	inch	mm	mm	
VIT-200TW-3/8	9.5	0.374	4.8	0.90	250'
VIT-200TW-1/2	12.7	0.5	6.4	0.90	250'
VIT-200TW-5/8	15.9	0.626	7.9	1.07	250'
VIT-200TW-3/4	19.1	0.75	9.5	1.07	250'
VIT-200TW-7/8	22	0.886	11	1.25	100'
VIT-200TW-1	25.4	1.0	12.7	1.25	100'
VIT-200TW-1 1/4	31.8	1.25	15.7	1.40	100'
VIT-200TW-1 1/2	38.1	1.50	19.0	1.40	50'
VIT-200TW-2	50.8	2.00	25.4	2.65	50'

Color Code: 0=BLK, 1=BRN, 2=RED, 3=ORN, 4=YLW, 5=GRN, 6=BLU, 7=VIO, 8=GRY, 9=WHT, X=CLR P/N Example: VIT-200-1/4-0 = Black 1/4" Tubing