

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

VIT-200 is a modified fluoroelastomer heat shrink tubing 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.



Features

- Operating Temperature: -55° to 200°C
- 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

Physical and Electrical Properties

Property	Test Method	Standard	Typical Performance
Tensile Strength, MPa	ASTM D2671	≥8.5	10.0
Elongation at Break, %	ASTM D2671	≥250	300
Tensile Strength after Aging, MPa	UL224 158°C, 168hr	≥7.3	8.5
Elongation at Break after Aging, %	UL224 158°C, 168hr	≥200	250
Dielectric Strength, kV/mm	IEC 243	≥15	17.5
Volume resistivity, Ω-cm	ASTM D876	≥10 ⁹	2.5x10 ⁹
Flammability	UL VW-1	Pass	Pass

Dimensions

Size Gamma Part No. with Nominal Size in inches	Expanded		Recovered				Spool Length Ft
	Minimum ID		Maximum ID		Wall Thickness		
	mm	inch	mm	inch	mm	inch	
VIT-200-1/8-0	3.2	0.126	1.6	0.063	0.76	0.030	200
VIT-200-3/16-0	4.8	0.189	2.4	0.095	0.89	0.035	200
VIT-200-1/4-0	6.4	0.252	3.2	0.126	0.89	0.035	200
VIT-200-3/8-0	9.5	.374	6.4	0.250	0.89	0.035	100
VIT-200-1/2-0	12.7	0.50	9.5	0.375	0.89	0.035	100
VIT-200-3/4-0	19.0	0.748	19.0	0.374	1.07	0.042	50
VIT-200-2-0	50.8	2.01	25.4	1.00	1.65	0.065	50

Ordering Specifications

Color Code: 0=BLK – This tube is only available in black.
 P/N Example: VIT-200-1/4-0 = Black 1/4" Tubing