



## SPECIALTY MATERIALS **HEAT SHRINKABLE TUBING**

# HS-VTN VITON®

### FEATURES

- 2:1 shrink ratio
- Superior resistance to highly corrosive chemicals, fuels, lubricants, acids and solvents
- Outstanding high temperature performance
- Highly impact, abrasion and cut-through resistant
- Very flexible
- Easily marked
- Meets Military specifications

### USES

- Protection of wiring and component covers in aircraft and aerospace applications
- Automotive applications
- Hydraulic fluid transport mechanisms
- Chemical processing applications
- Applications up to 200°C

### SPECIFICATIONS

- SAE-AMS-DTL-23053/13
- MIL-R-46846, Type III, Class 1



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### HS-VTN VITON®

#### TECHNICAL DATA

- Shrink Ratio: 2:1
- Minimum Recommended Shrink Temperature: 175°C (347°F)
- Operating Temperature Range: -55°C to 200°C
- Longitudinal Shrinkage: +1/-10%
- Physical / Electrical / Chemical Properties:
  - Specific Gravity: 1.7
  - Ultimate Elongation: 450%
  - Low Temperature Flexibility: 4 hrs. @ -55°C No cracking
  - Flammability: Self-extinguishing
  - Volume Resistivity: 10<sup>12</sup> ohm-cm
  - Dielectric Strength: 500 vpm
  - Corrosion Resistance: Non-corrosive
  - Fuel, Oil, Solvent, Acids and Alkalis Resistance: Excellent

#### SPECIFICATIONS

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Size	Expanded I.D. Minimum		Recovered I.D. Maximum		Recovered Wall Nominal		Standard Packaging (per box) Product on Spools	
	in.	mm	in.	mm	in.	mm	ft. / Spool	Total ft. / Box
1/8	.125	3.18	.062	1.57	.030	0.76	200'	200'
3/16	.187	4.75	.093	2.36	.035	0.89	200'	200'
1/4	.250	6.35	.125	3.18	.035	0.89	200'	200'
3/8	.375	9.53	.187	4.75	.035	0.89	200'	200'
1/2	.500	12.70	.250	6.35	.035	0.89	100'	100'
5/8	.625	15.88	.312	7.92	.042	1.07	100'	100'
3/4	.750	19.05	.375	9.53	.042	1.07	100'	100'
7/8	.875	22.23	.438	11.11	.049	1.24	100'	100'
1	1.000	25.40	.500	12.70	.049	1.24	50'	50'
1 1/4	1.250	31.75	.625	15.88	.055	1.40	50'	50'

- Standard Color: Black