



Product Datasheet

ENGLISH

## Heat/oil/chemical resistant, flame-retarded heat shrink tubing



### Basic Properties:

Material: Irradiated cross-linked flexible

Flame-retarded elastomer

- Shrink temperature: min. 170°C
- Shrink ratio: Radial change: min. 50%  
: Longitudinal change: 0 ±10%
- Continuous operating temperature: -75 to 150°C

### Features:

- VG/SAE-AMS recognized
- Flame-retarded
- Flexible
- Highly resistant against oil and chemicals

### Specifications/Approvals

- VG95343-5 Type D
- SAE-AMS-DTL-23053/16

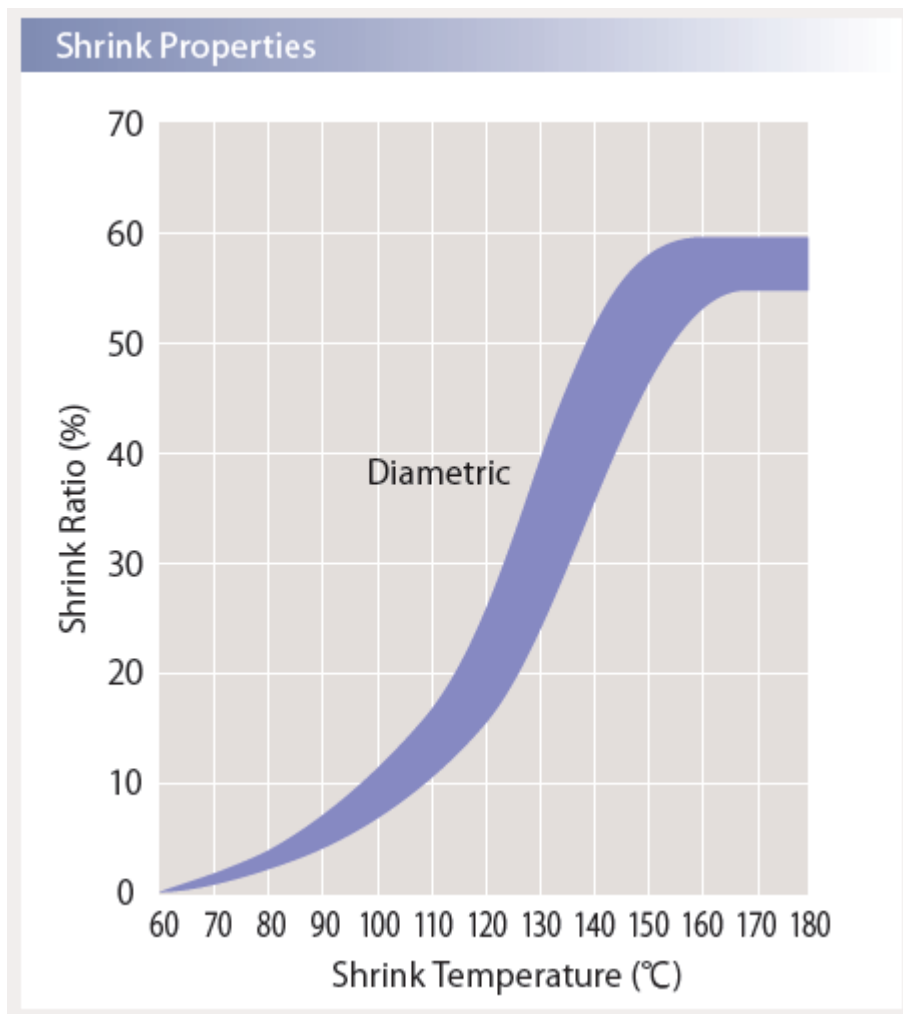
### Applications

- Mechanical and chemical protection of wire harnesses used in aerospace and automotive equipment



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Stock Number	Nominal Size (inch)	Supplied ID (mm)		Recovered ID (mm)		Unit length (min.) (m)
		Inside diameter (min.)	Wall thickness (nom.)	Inside diameter (max.)	Wall thickness	
8918946	1/8	3.2	0.35	1.6	0.75 ± 0.15	10
8918940	3/16	4.8	0.45	2.4	0.85 ± 0.20	10
8918959	1/4	6.4	0.45	3.2	0.90 ± 0.20	10
8918952	3/8	9.5	0.55	4.8	1.00 ± 0.20	6
8918956	1/2	12.7	0.60	6.4	1.20 ± 0.30	6
8918965	3/4	19.0	0.70	9.5	1.45 ± 0.35	6
8918968	1	25.4	0.90	12.7	1.80 ± 0.45	6





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Properties	Items	Requirements	Typical values*1
Mechanical	Tensile strength (before aging)	min. 11.7MPa	19MPa
	Tensile strength (after aging)	150°C x 168 hours, min. 10.3MPa	13.9MPa
	Elongation (before aging)	min. 250%	400%
	Elongation (after aging)	150°C x 168 hours, min. 200%	250%
	Heat shock	200°C x 4 hours, no crack	Pass
	Cold bend	-65°C x 4 hours, no crack	Pass
	Tensile stress at 100% elongation	min. 10.4MPa	26MPa
Electrical	Dielectric breakdown	min. AC11.9kV/mm	25.6kV/mm
Chemical	Flammability	ASTM D2671 Procedure B	Pass