



Professionally approved products.

Product Datasheet

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

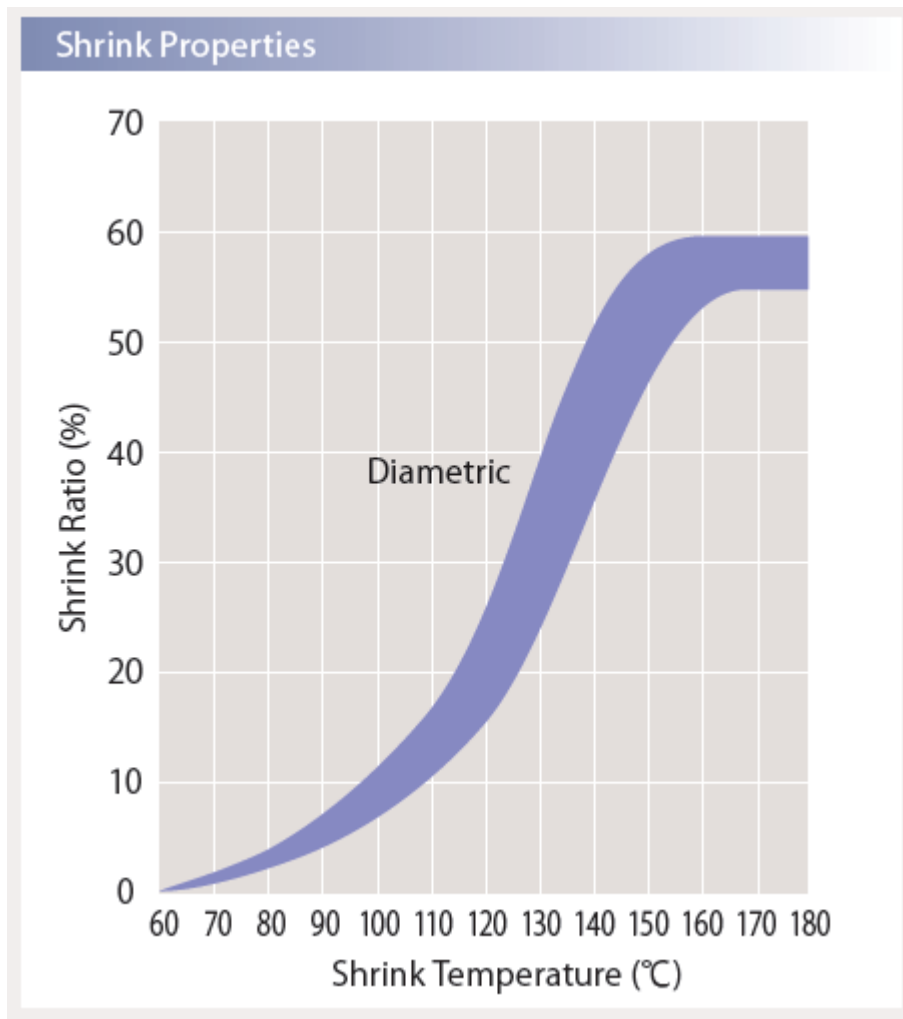
- VG95343-5 Type D
- SAE-AMS-DTL-23053/16

Applications

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



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	
8637938	1/8	3.2	0.35	1.6	0.75 ± 0.15	10
8637947	3/16	4.8	0.45	2.4	0.85 ± 0.20	10
8637940	1/4	6.4	0.45	3.2	0.90 ± 0.20	10
8637944	3/8	9.5	0.55	4.8	1.00 ± 0.20	6
8637953	1/2	12.7	0.60	6.4	1.20 ± 0.30	6
8637956	3/4	19.0	0.70	9.5	1.45 ± 0.35	6
8637950	1	25.4	0.90	12.7	1.80 ± 0.45	6





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