

SUMITUBE™ AN25

[Highly heat/oil/chemical resistant, flame-retarded heat-shrinkable tubing] VG/SAE recognized

✓ RoHS directive 10 substances

Waterproofing Flame-retarded UL recognized CSA recognized



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 recognized
- Flame-retarded
- Flexible
- Highly resistant against oil and chemicals

Specifications/Approvals

- VG95343-5 Type D
- SAE-AS23053/16

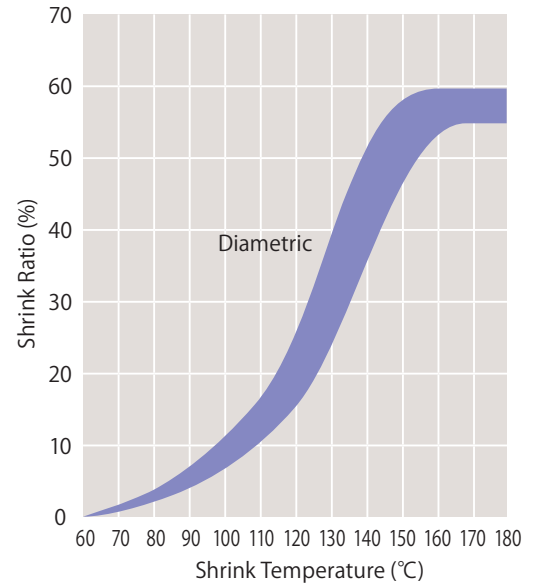
Applications

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

Colors

- Black

Shrink Properties



SUMITUBE	A
	C
	A4
SUMITUBE	LA
	C (UL)
	D
	A2
SUMITUBE	B
	LB
	F (Z)
	F3 (Z)
SUMITUBE	NHR2
	NHR4
	V (300V)
	V (600V)
	F2 (Z)
	F4 (Z)
SUMITUBE	B2
	B2 (3X)
	B8
SUMITUBE	K
	K2
SUMITUBE	KH200 (TW)
SUMITUBE	KH230 (TW)
SUMITUBE	B6
SUMITUBE	R
	AN25
SUMITUBE	W
	O2C
SUMITUBE	W3C
	O2B2
	W3F2
SUMITUBE	W3B2
	W3B2 (4X)
	SA2
	SA3

IRRAX™TUBE IRRAX™TAPE

	A
	B
	F2
	F2 (UL)
IRRAXTUBE	V2
	RP3
	B8
	ER2
	NHR
	FE2
IRRAXTAPE	VZL

IRRAX™SLEEVE

	SCM2
IRRAXSLEEVE	SBI 300/350
	SNHM

Composite articles

SUMISEAL	
SUMITUBE SA3 CAP	

Processing equipment

SUMISHRINKER / HEATING GUN	
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Properties [SAE-AS-23053/16]

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. 10.4MPa	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	max. 10.3MPa	5MPa
Electrical	Dielectric breakdown	min. AC11.9kV/mm	25.6kV/mm
Chemical	Flammability	ASTM D2671 Procedure B	Pass

*1: For reference use only

Sizes

Trade size (inch)	As supplied (mm)		After recovered (mm)		Unit length (min.) (m)
	Inside diameter (min.)	Wall thickness (nom.)	Inside diameter (max.)	Wall thickness	
1/8 *2	3.20	0.35	1.60	0.75 ± 0.15	150
3/16 *2	4.80	0.45	2.40	0.85 ± 0.20	60
1/4	6.40	0.45	3.20	0.90 ± 0.20	60
3/8	9.5	0.55	4.75	1.00 ± 0.20	60
1/2	12.7	0.60	6.4	1.20 ± 0.30	60
3/4	19.0	0.70	9.5	1.45 ± 0.35	30
1	25.4	0.90	12.7	1.80 ± 0.45	30
1-1/2	38.0	1.20	19.0	2.40 ± 0.50	30
2	51.0	1.30	25.4	2.80 ± 0.50	30

*2: These sizes are not SAE recognized.