

# Ben-Har™ 1258

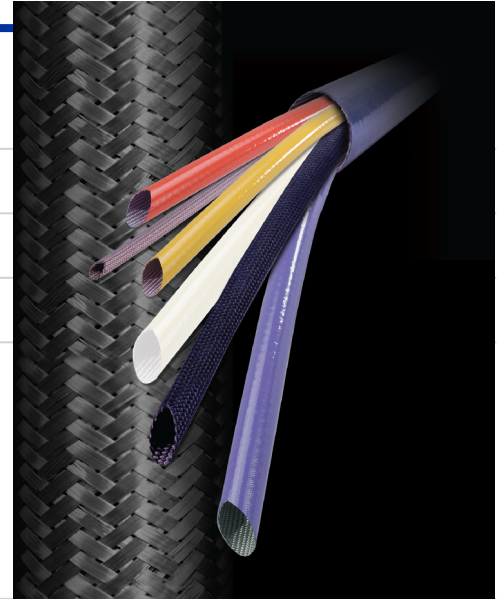
## Unsupported Silicone Rubber Tubing

Temp Class: Class H (200° C)

Material: Extruded Silicone Tubing

Sizes Available: AWG #24 through 1" I.D.

Colors Available: White, Black, Transparent



## Features

- ▶ Outstanding electrical, thermal and mechanical properties.
- ▶ Available in .015" and .035" wall thickness.
- ▶ Outstanding dielectric properties and good corona resistance, able to tolerate relatively high dielectric stresses.
- ▶ Low temperature brittle point below -65°C.
- ▶ Compatible with Class H insulating varnishes.
- ▶ Resistant to organic acids, alkalis and aliphatic hydrocarbons with slight swelling caused by aromatic hydrocarbons and chlorinated organic solvents.

## Product Description

Ben-Har 1258 is a tough and extremely flexible, unsupported silicone rubber tubing with outstanding electrical, thermal and mechanical properties. Its outstanding flexibility comes from the combination of a proprietary silicone rubber compound and a special extrusion technique. Ben-Har 1258 does not become stiff or brittle over time and tolerates moisture, sunlight, immersion in fluids and other hazards that normally deteriorate most natural or synthetic elastomers.

## Suggested Applications

Ben-Har 1258 fits snugly over irregular contours such as splices, components and fittings, protecting them against vibration damage and insuring permanent positioning. It is ideal for a variety of applications, including hot fluid conveying, acoustical tubing, high-temperature cushioning, high voltage and high temperature flexible covering, modest pressure hydraulic or pneumatic lines and thermal covering and protection.



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## Sizes Available

Size	Inside Diameter, in. (mm)		Nominal I.D.
	Maximum	Minimum	
24 AWG	0.027 (0.69)	0.020 (0.51)	0.022
22 AWG	0.032 (0.81)	0.025 (0.64)	0.027
20 AWG	0.039 (0.99)	0.032 (0.81)	0.034
18 AWG	0.049 (1.25)	0.040 (1.02)	0.042
16 AWG	0.061 (1.55)	0.051 (1.30)	0.053
14 AWG	0.074 (1.88)	0.064 (1.63)	0.066
12 AWG	0.091 (2.31)	0.081 (2.06)	0.085
10 AWG	0.112 (2.80)	0.102 (2.60)	0.106
9 AWG	0.124 (3.20)	0.114 (2.90)	0.118
8 AWG	0.141 (3.60)	0.129 (3.30)	0.133
7 AWG	0.158 (4.00)	0.144 (3.70)	0.148
6 AWG	0.178 (4.50)	0.162 (4.10)	0.166
5 AWG	0.198 (5.00)	0.182 (4.60)	0.186
4 AWG	0.224 (5.70)	0.204 (5.20)	0.208
3 AWG	0.249 (6.30)	0.229 (5.80)	0.234
2 AWG	0.278 (7.10)	0.258 (6.60)	0.263
1 AWG	0.311 (7.90)	0.289 (7.30)	0.294
0 AWG	0.347 (8.80)	0.325 (8.30)	0.330
3/8"	0.399 (10.10)	0.375 (9.50)	0.375
7/16"	0.462 (11.70)	0.438 (11.10)	0.438
1/2"	0.524 (13.30)	0.500 (12.70)	0.500
5/8"	0.655 (16.70)	0.625 (15.90)	0.625
3/4"	0.786 (20.00)	0.750 (19.10)	0.750
7/8"	0.911 (23.20)	0.875 (22.20)	0.875
1"	1.036 (26.30)	1.000 (25.40)	1.000

\*All Atkins & Pearce coated insulation solutions are REACH and RoHS compliant.



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## Ordering Information

Product	Grade	Size	Color	Packing Code
340 = 1258	059 = .015" Wall	924 = AWG #24	02 = White	S = Spool
	079 = .035" Wall	922 = AWG #22	03 = Black	Y = Cut Pieces
		920 = AWG #20	13 = Transparent	
		918 = AWG #18		
		916 = AWG #16		
		914 = AWG #14		
		912 = AWG #12		
		910 = AWG #10		
		909 = AWG #9		
		908 = AWG #8		
		907 = AWG #7		
		906 = AWG #6		
		905 = AWG #5		
		904 = AWG #4		
		903 = AWG #3		
		902 = AWG #2		
		901 = AWG #1		
		900 = AWG #0		
		010 = 3/8"		
		011 = 7/16"		
		013 = 1/2"		
		016 = 5/8"		
		019 = 3/4"		
		022 = 7/8"		
		025 = 1"		

\*Example: 3400590102S (1258-2, 1, White, Spool)

\*Example: 3400790102S (1258-1, 1, White, Spool)