

## Product Highlights

- Rated to 200°C Class R
- .035" Wall Thickness
- Excellent flexibility
- Low Temperature Brittle Point Below -65°C
- Available in AWG sizes #24 through 1" I.D
- Available in white, black, and transparent



# Ben-Har™ 1258-1

## Unsupported Silicone Rubber Tubing

Bentley-Harris® Ben-Har 1258-1 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 1258-1 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.

Ben-Har 1258-1 exhibits outstanding dielectric properties and good corona resistance which means that relatively high dielectric stresses can be tolerated. It also withstands high and low temperature extremes with a minimal loss of properties. Designed to be truly self-fitting, Ben-Har 1258-1 returns to its original size without loss of properties. Ben-Har 1258-1 fits snugly over irregular contours (splices, components, fittings), protecting them against vibration damage and insuring permanent positioning.

Ben-Har 1258-1 is resistant to organic acids, alkalis, and aliphatic hydrocarbons. Slight swelling is caused by aromatic hydrocarbons and chlorinated organic solvents. It is compatible with Class H insulating varnishes. Oil immersion causes swelling from negligible to 1 ½ times its original volume but is not indicative of deterioration. Oils of extremely high aromatic content have a more serious effect.

Ben-Har 1258-1's combination of properties makes it ideally suited for a variety of applications, including hot fluid conveying, acoustical tubing, high-temperature cushioning, high-voltage or high-temperature flexible covering, pneumatic or hydraulic flexible lines (modest pressure), and thermal covering and protection.