**TECHNICAL BULLETIN**

**HIGH TEMPERATURE RESISTANT, HEAT INSULATING FLEXIBLE CONDUIT**

**DESCRIPTION:** DURA-SLEEVE™ GENCOTE 140™ is a braided high-silica flexible sleeving coated with a plastic barrier and binding material designed to provide an abrasion resistant surface. Since the coating is applied to the outside of the surface only, sufficient porosity is retained to permit the escape of moisture which otherwise would be trapped within. DURA-SLEEVE™ will withstand temperatures of 700°F in continuous operation and meets the requirements of MIL-W-25038E.

**PURPOSE:** DURA-SLEEVE™ is designed to provide high thermal insulation to single and multiple strands of wire with or without a metal conduit covering. It provides an extra measure of protection against mechanical failure due to external causes. This permits snaking through conduits and around bends and corners that would otherwise abrade. Originally and still used in jet engine wiring systems where high heat conditions are encountered, DURA-SLEEVE™ has been used on many other applications that require similar protection. **HIGH HEAT PROTECTION:** DURA-SLEEVE™ will withstand temperatures up to 700°F for continuous periods with very little residual effect other than color change. The coating softens somewhat at 300°-400°F but this should not have any effect on the overall properties.

**EASE OF APPLICATION:** The braided texture of DURA-SLEEVE™ permits a slight expansion as the wires are pulled through, thereby facilitating application and providing a snug fit. The fairly rough outer surface of the sleeving permits a better grip when applying.

**SIZES AND LENGTHS:** The standard I.D. sizes are 3/16", 1/4", 3/8", 1/2", 5/8". Standard maximum lengths are 12 feet.

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The facts and recommendations made in this leaflet based on our own research and the research of others and are believed to be accurate. However no guarantee of their accuracy is made since we cannot cover every application nor anticipate every variation encountered. Purchasers should make their own tests to determine suitability for their purposes.