

# MILITARY HIGH TEMPERATURE WIRE & CABLE

Following is a listing of wire and cable products for military high temperature uses available from Specialty Cable Corporation. Specialty also offers a complete line of non-asbestos high temperature wire and cable to meet most commercial, industrial and military requirements.

Mil-C-27072	Multi-purpose Electrical Cable
Mil-C-27500	Aerospace Electrical Cable
Mil-C-55021	Multiconductor Cable for Wiring of Electrical Equipment
Mil-W-5086/2	Electrical Wire for Ground Support Services
Mil-W-5845	<b>AeroTherm J<sup>®</sup></b> , Thermocouple wire for Aircraft Use, Type J
Mil-W-5846	<b>AeroTherm K<sup>®</sup></b> , Thermocouple Wire for Aircraft Use, Type K
Mil-W-5908	<b>AeroTherm T<sup>®</sup></b> , Thermocouple Wire for Aircraft Use, Type T
Mil-W-16878/1-6 /10-13 /17-28 /33-35	Hookup Wire for Electrical and Electronic Components (Type B, C, D, E, EE, ET, K, KK, KT)
Mil-W-22759/1-4 /7-8 /9-12 /16-19 /20-23	Hookup Wire for Aerospace Electrical Systems
Mil-W-25038/1 /3	<b>FlightSafe 260<sup>®</sup></b> , Hookup Wire for use in Engine Compartments of Aerospace Vehicles <b>FlightSafe 260XL<sup>®</sup></b> , Hookup Wire for use in Engine Compartments of Aerospace Vehicles
Mil-W-81381/11, 12, 22	Aircraft Electrical Wire

All high temperature wire and cable is also available in multi-conductor, shielded and jacketed constructions. The cable designs in this listing represent our standard product line. If you require special modifications or unique designs, Specialty's engineers can create special cables for the most demanding applications.

**ENGINEERING FOR TOMORROW**

**ISO - 9001 CERTIFIED**

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## COMPANY HISTORY

Specialty Cable traces its lineage back to 1925 when the Lewis Engineering Co. of Naugatuck, CT was founded. Lewis' Wire Division was formed in 1942 and was purchased by the Revere Corp. in the late 1960's. Revere's well-known quality and engineering resulted in major growth. In 1978, the combination of Revere's wire and cable operations with the strong R & D facilities of Galileo Electro-Optics Corp. resulted in Galite, Inc.—with the most advanced interconnection wire product line in the industry. Galite located its operations in a new 65,000 sq. ft. plant specifically designed for cable operations in Wallingford, CT.

In 1981, the Pirelli Cable Corp. acquired Galite, Inc. and consolidated it with Cimco Wire and Cable of Allendale, NJ. Cimco manufactured custom-made cable for aircraft, missile and electronic assemblies. Five years later, Pirelli transferred its ownership of Galite and Cimco to the Specialty Cable Corp. to form the leading independent, high quality custom cable producer for the defense and commercial markets.

## PRODUCT CAPABILITIES

At Specialty Cable, emphasis is placed on the manufacture of high performance products, available in either standard or customer constructions. A broad spectrum of superior insulation materials is offered, including the latest in fluorocarbon compounds which have proven to be ideally suited for demanding, high temperature operating environments. All cables are built to function effectively under the most adverse conditions and each meets or exceeds rigid government standards or industry codes.

## QUALITY ASSURANCE

Specialty Cable is an approved vendor to **all** of the major aerospace and military contractors. The firm has acquired a strong reputation for its quality assurance program which meets or exceeds all the requirements of this list of military and government quality standards:

- MIL-STD-781
- MIL-STD-785
- MIL-STD-786
- MIL-Q-9858
- MIL-I-45208
- MIL-C-45662
- MIL-STD-105
- MIL-STD-1520
- MIL-STD-1535
- 10 CFR 50

Specialty's Testing Laboratory is fully government qualified. The company can develop special and custom test capabilities. Both the QC and the QA elements of Specialty's quality system are performance guaranteed.

## SOME NON-MILITARY PRODUCTS AVAILABLE

- Thermocouple wire and cable for industrial and commercial applications (105°C to 1427°C)
- Constant wattage parallel resistance zone heater cables (105°C to 260°C)
- Ruggedized transducer and sensor cables for hostile environments
- High temperature multiple conductor cables (105°C and higher)
- Special designs for your application
- Instrumentation, control and data transmission cables

For further information or additional copies of this technical data sheet, call or write:

### SPECIALTY CABLE CORPORATION

2 Tower Drive • P.O. Box 50 • Wallingford, CT 06492

Phone (203) 265-7126 • Fax (203) 269-5293 • WATS (800) 456-SPEC (7732)

<http://www.specialtycable.com>

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