

**CABLE SOLUTIONS
FOR AEROSPACE
AND DEFENCE INDUSTRIES**



CGP

CABLES FOR GLOBAL
PERFORMANCE

CABLE SOLUTIONS FOR AEROSPACE AND DEFENCE INDUSTRIES



Hook-up & Airframe EN wires & cables

Fighter aircraft wires & cables

Hook-up & Airframe Wiring NEMA, MIL, NF

Fire zone and high temperature area cables

Flight test cables

Databus and coaxial cables MIL, NF

Thermocouples and extension cables

Fireproof sleeves and metallic braids

Miniature ceramic insulated wires for very high temperature

Customized products for specific applications

For more information: www.omerin.com

EN 9100
BUREAU VERITAS
Certification



Bureau Veritas Certification, confirms as an **EN 9100** approved certification body, that the management system of CGP, has been assessed and found to be in accordance with the **prEN 9100:2018 - AS 9100:D - JISQ 9100:2016**, for the activity of Design, Manufacturing, and Sales of special and standard wires, cables, cords for aerospace, defence and space industries.



Hook-up & Airframe EN wires & cables

ELECTROAIR® DM, DR, CF

According to EN 2714, EN 2267, EN 2713, EN 2266

- High temperature / mechanical / chemical / arc tracking resistant cables used on the flight deck, in the passenger area, in the wings and surfaces.



Fighter aircraft wires & cables

ELECTROAIR® DA6007, DA6010

According to Standard AIR 4524/E

- High temperature / mechanical / chemical resistant cables / for use in the on-board electrical systems of fighter aircraft



Hook-up & Airframe NEMA, NF wires & cables

ELECTROAIR® ET-E-EE, KZ, AGZ/AGF, KU

According to NEMA HP3 (former MIL W 16878)

NF C 93-523, NEMA HP4, NF C 93-524

- High temperature / mechanical / chemical / arc tracking resistant cables used for electronic equipments in airframe of aircraft or in test benches.



Fire zone and high temperature area cables

ELECTROAIR® FR

According to BMS 13-67

- Fire resistant and high temperature cables used in hot areas, engines and nacelles.



Flight test cables

ELECTROAIR® AH7080 / AH7083

Inspired of EN 2714, EN 2267

- Flight test cables for helicopters.



CGP works in close liaison with the manufacturers of equipments for aerospace, defence and space industries.



Databus and coaxial cables MIL, NF
TWINLINK® FA / FP
COAXTHERM® RG / KX
MIL-DTL-17, NF C 93-550

- Twisted pair controlled impedance cables and coaxial cables for data transmission in high temperature environment.



Thermocouples and extension cables
COUPLIX® Type T, J, E, K, N
Inspired of EN 2714

- Thermocouples cables used in special sensors.



Fireproof sleeves and metallic braids
SILITUBE® X, METALTRESSE® GTCA/GTCN/GTCE

- Sleeves and metallic braids for Fire / Mechanical & Electromagnetic protections used in harsh environment.



Miniature ceramic insulated wires
for very high temperature
CERAFIL® CN8

- Ceramic wires used for special windings of sensors or motors used in very high temperature environment (> 500°C).



400 Hz Aircraft ground power cables
HIFLEX® AGP400/AGP400i

- Robust and high flexible cables used for the electrical connection between the ground and the aircraft, allowing battery charging, pre-flight provisions, checks and maintenance operations.



A Full range of products and solutions answering to your main needs:

- Lighter, smaller, more flexible and more reliable wires and cables
- High temperature-, Fire-, Abrasion-, Arc tracking-, Fluids-resistant cables
- Products compliant with the most of international standards (EN, MIL, NEMA, SAE, NF...)
- Customized solutions and support for complex and advanced designs

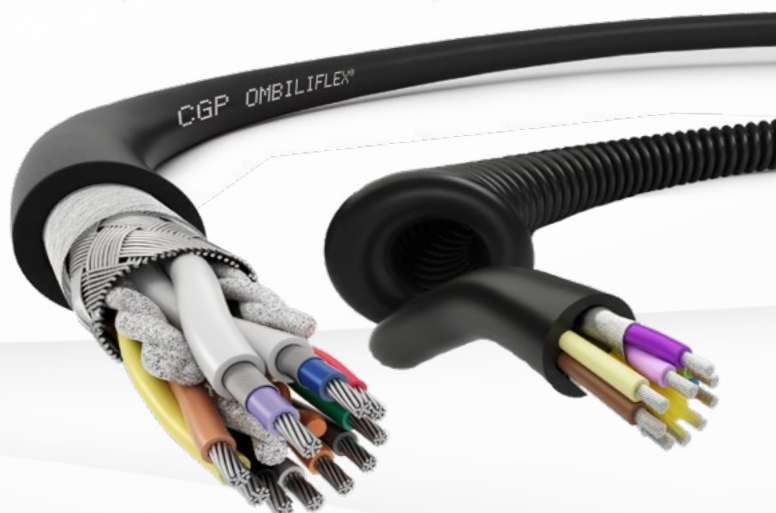
CGP can today offer you an extensive range of over 600 product references under the major **ELECTROAIR®, OMBILIFLEX®, SPIRFLEX®, HIFLEX®, CERAFIL®, TWINLINK®, COAXTHERM®, COUPLIX®, SILITUBE®** and **METALTRESSE®**, brands and names.

Customized products for specific applications

OMBILIFLEX® High performance special multi-function cables

SPIRFLEX® Customized spiral cables

- Over 50 years' experience in developing made-to-order cables
- A team of engineers dedicated to studying your project



CABLE SOLUTIONS FOR AEROSPACE AND DEFENCE INDUSTRIES



CGP excellence

Since 1947, CGP has specialised in the design and manufacture of standard, umbilical, hybrid and special electrical wiring and cables. Our expertise and know-how have enabled us to become a key player on high-tech markets such as aviation, defence and aerospace.



CGP requirements

CGP is ISO 9001 and EN 9100 certified. Our products meet the most demanding international standards (MIL, NEMA, EN, SAE, NF, etc.), reflecting the reliability of CGP cables.

Our Quality, Methods, Research and Development engineers all work closely together to continuously improve our products, our manufacturing processes and to secure the development of new technologies. Our products undergo daily tests at our in-house lab, to validate their mechanical, chemical, electrical and fire resistance, thereby ensuring the quality of CGP cables.

Our production site in Saint-Chamond, France, features a fleet of modern machines and a highly-responsive and flexible logistics hub.

Our sales team is on hand to design custom solutions to meet your most stringent requirements.



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