

# SPIRFLEX®



## Customized products CGP INNOVATION

The high-performance **SPIRFLEX®** spiral cable range springs from the know-how and technical expertise of our engineers. We design and fabricated **specific cords meeting our customers' specifications and thus offer a fully-customised solution** (dimensions, length, connectors, etc.).

Our Design Office is made up of experienced engineers who are specialists in **metallurgy, plastics manufacture, electromagnetic compatibility, micromechanics, data transmission, etc.** It will provide you with a fast, precise response by developing a **SPIRFLEX®** cord in line with the miscellaneous and complex constraints of your applications.

### High performance characteristics

#### Fire-smoke

Flame and fire retardant version

#### Mechanical

- High flexibility
- High or low shape memory
- High or low extension coefficient
- Improved mechanical behaviour: according to military standard SEFT 027

#### Physical

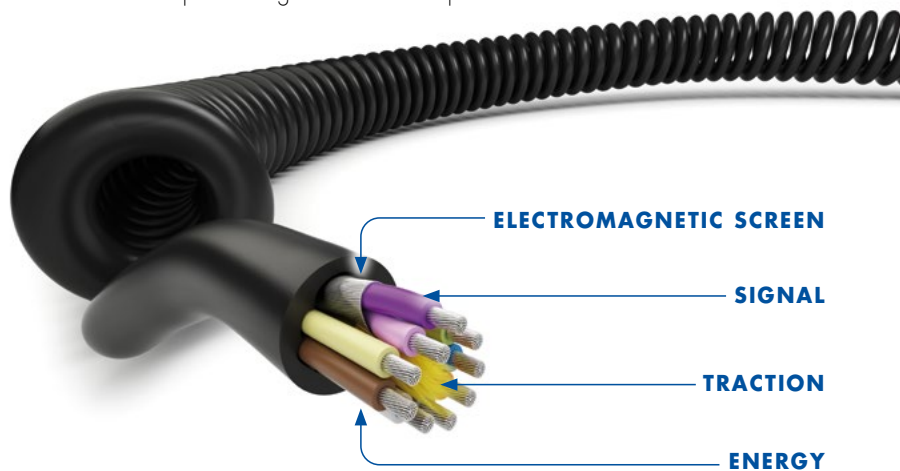
- Miniature spiral cable
- Hybrid elements: Data / Traction / Fluid
- Excellent electromagnetic protection
- Resistance to harsh constraints: heat, chemicals, solvents

### Applications

This range of high performance spiral cables is intended for cutting-edge sectors like aerospace, military applications, robotics, medical applications, industry, etc.

## SPIRFLEX® HYBRID SOLUTION

CGP develops specific, hybrid and innovative solutions combining several functions in one and the same **SPIRFLEX®** spiral cable: Energy / Signal / Traction / Fluid / Electromagnetic screen. **SPIRFLEX®** Hybrids can thus save considerable time and space during installation and operation.



## SPIRFLEX® CONNECTED SOLUTION



CGP designs cords fitted with standard or specific connectors according to your needs and applications. **SPIRFLEX®** spiral cables are assembled with the connectors within our workshops, thereby guaranteeing top quality.

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The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company CGP SAS shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.

For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

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