

# EQUIPMENT WIRES & CABLES

for high temperatures



- > Aeronautics
- > Automotive
- > Space
- > Electronics
- > Military equipment
- > General industry
- > Medical



[www.axon-cable.com](http://www.axon-cable.com)

**axon'**  
cable & interconnect 

For any applications requiring withstanding to high temperatures, Axon' Cable offers a large range of equipment wires insulated with PTFE, ETFE, FEP or polyimide. Different versions of Mil-spec and commercial wires including single or multicore wires, extruded or taped, shielded and jacketed, extra flexible and wire-wrap wires will meet your requirements.

## Equipment wires

### EXTRUDED SINGLE WIRES

Axon' offers a range of extruded single wires withstanding to high temperatures:

- from -90°C to +260°C: PTFE insulation,
- from -90°C to +200°C: FEP insulation,
- from -90°C to +155°C: ETFE insulation.

### TAPED SINGLE WIRES

Axon' has a large expertise in manufacturing taped single wires. They offer more flexibility and can be insulated with:

- a PTFE tape,
- or a polyimide tape to withstand temperature from -90°C up to 200°C.

## Equipment cables

### SHIELDED WIRES & CABLES

Axon' offers a range of shielded cables which can withstand temperatures from -90°C to +200°C.

It provides the same electrical potential in the cable assembly.

The braided shield is made from electrolytic silver annealed copper.

Single core, twisted pairs, twisted triples and twisted quads versions are available.

### SHIELDED AND JACKETED CABLES

The primary insulation of the shielded and jacketed cables manufactured by Axon' can be made from:

- PTFE to withstand -90°C to +200°C,
- FEP to withstand -90°C to +200°C,
- ETFE to withstand -90°C to +155°C.

The braided shield is made from tin plated annealed copper or electrolytic silver annealed copper.

The jacket is made from FEP or ETFE material.

### EXTRA FLEXIBLE WIRES & CABLES

The extra flexible wires & cables are useful for any dynamic applications where a high flex-life is needed.

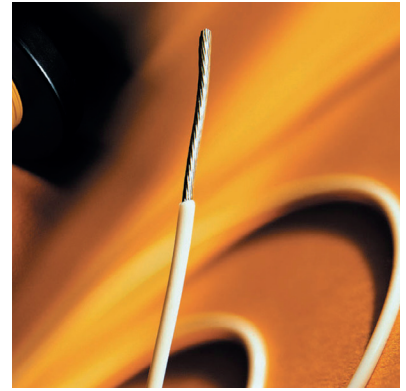
Made from a wrapped PTFE insulation, they withstand -90°C to +200°C.

### WIRE-WRAP SINGLE WIRES & SHIELDED AND JACKETED CABLES

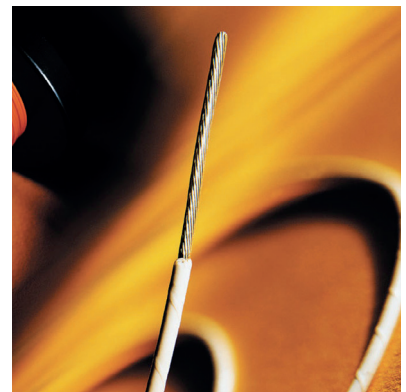
Wire-wrap wires & cables are useful for wrapped connections.

They can be insulated with:

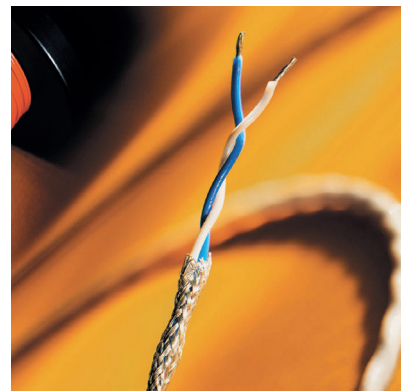
- PTFE or FEP, to withstand -90°C to +200°C,
- ETFE, to withstand -90°C to +155°C,
- Wrapped polyimide, to withstand: -90°C to +200°C.



> EXTRUDED SINGLE WIRE



> TAPED SINGLE WIRE



> SHIELDED CABLE



> EXTRA FLEXIBLE WIRE