



*Our wires and cables,
insulating sleeves and tubes*

for HERMETIC GROUPS

Page 1 : our general range

Page 2 : our products dedicated to Hermetic Groups



Berne SAS
63600 LA FORIE – France
Phone +33 (0)4 73 82 03 81
Fax +33 (0)4 73 82 18 69
info@berne.fr – www.berne.fr

Berne has been designing, developing, manufacturing and marketing standard cables, special cables and insulating sleeves for over 50 years

Used in the market as

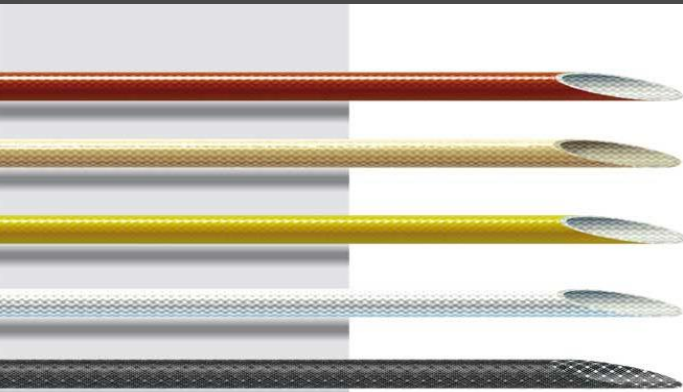
- Hermetic groups,
- Household appliances,
- Electro technical domain,
- Automotive,
- Signalization...

ISO 9001 quality certified since 1999



Insulating sleeves for high temperatures

-60°C to +1100°C



Fiberglass coated sleeves

(PU, silicone, acrylic)

Very high temperature protection sleeves

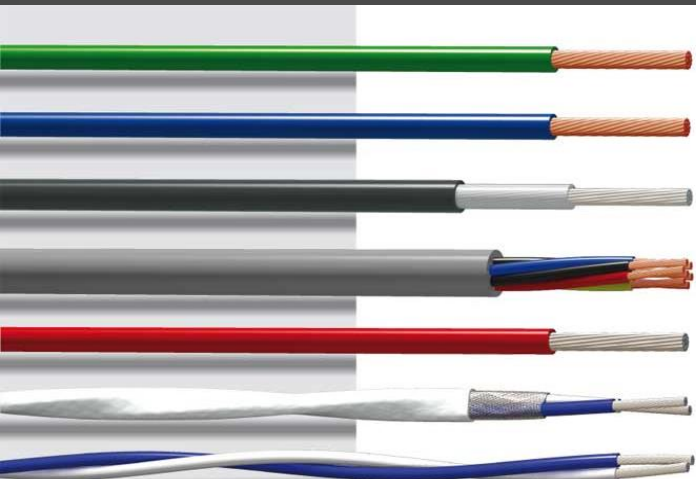
(Glass, Silica, Quartz...)

Polyamide, aramid, polyester... protection sleeves

(mono and multi filaments)

Extruded wires and cables

-100°C to +260°C



PVC wires and cables

(70°C / 85°C / 105°C / 125°C)

Fluoropolymer wires and cables

ETFE / FEP / PFA / MFA

(-100°C to +260°C)

TPE / TPU / SEBS wires and cables

**Special wires, cables,
and insulated sleeves on study**

Since 1980, Berne has become a specialized manufacturer in wires and insulating sleeves for **HERMETIC COMPRESSORS.**

Special characteristics of our products

- refrigeration oil proofed
- excellent resistance to refrigerant gases : Chlorofluorocarbons, R12, R22, R134A...

Our leading wire for hermetic group is manufactured to obtain :

- the highest repeat flexing strength
- the highest vibration strength
- the highest abrasion strength
- the best chemical purity



UL certified wire Style 5170 - 5048

-30°C to +125°C



Third polyester insulation braid

Second polyester insulation ribbon

First polyester insulation braid

Flexible annealed copper core



Other specialized products for hermetic groups

-90°C to +200°C

Fluoropolymer wire according to UL 10210 / 10211



-40°C to +130°C

Polyester braided sleeves



-80°C to +200°C

Extruded tubes (PTFE, silicone , polyester...)





Groupe

Plastelec

Industrial group specialized in the manufacture of wires, cables and other extruded products for various industries.



Plastelec

Division Câbles

Plastelec Câbles

Main entity of the group

- Special customized electric cables.
- Low and medium voltage electric wires and cables.
- Railway cables.
- High temperature cables.

Plastelec S.A.S.

8, rue de l'Industrie
63600 Ambert - France
Tel.: +33 (0)4 73 82 04 03
Fax: +33 (0)4 73 82 62 66
plastelec.cables@plastelec.com
www.plastelec.com



CGP

- Special customized electric cables.
- Fire safety cables.
- Aeronautic and military cables.
- Nuclear cables.

CGP S.A.S.

62, route du Coin
42400 Saint-Chamond - France
Tel.: +33 (0)4 77 31 02 54
Fax: +33 (0)4 77 31 02 35
contact@cables-cgp.com
www.cables-cgp.com



Berne

- Braided insulation sleeves for high temperature applications.
- Cables for hermetic compressors.
- Standards and special-purpose wires and cables.

BERNE S.A.S.

La Forie
63600 LA FORIE
Tel.: +33 (0)4 73 82 03 81
Fax: +33 (0)4 73 82 18 69
info@berne.fr
www.berne.fr



Plastelec

Division Tubes

Plastelec Tubes

- Insulating sheaths, profiles flexible tubes for low and medium pressure applications, pneumatic products.

Plastelec Tubes S.A.S.

rue Marc Seguin
63600 Ambert - France
Tel.: +33 (0)4 73 82 44 36
Fax: +33 (0)4 73 82 17 87
plastelec.tubes@plastelec.com
www.plastelec-tubes.com



Plastelec

Division Tresses

Plastelec Tresses

- Manufacture of round or flat, mass and connection braids.
- Armouring by means of metal braids or tapes.
- Braid covering.

Plastelec Tresses SARL

8, rue de l'Industrie
63600 Ambert - France
Tel.: +33 (0)4 73 82 04 03
Fax: +33 (0)4 73 82 62 66

