



Manufacturer of insulating sleeves, tubes, electrical wires and cables

Specialized in braiding since 1840, BERNE SAS has been designing, developing, manufacturing and marketing insulating sleeves, standard cables and special cables.

Used in the market as:

- Household appliances
- Automotive
- Signalization
- Electro technical domain
-

ISO 9001 quality certified since 1999.



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Insulating sleeves for high temperatures

-60°C to +1100°C



Fiberglass coated sleeves:



GES : Silicon coated : - 55 to 250°C



GVF10 : Acrylic coated : - 30 to 155°C

GVF20-21: Polyurethane coated : - 30 to 150°C



Impregnated sleeves:



GIST : Synthetic varnish impregnated : - 30 to 155°C

GISL : Silicon resin impregnated : - 40 to 400°C

GISH : Synthetic resin impregnated : - 30 to 250°C

GIPT : PTFE impregnated : - 30 to 260°C



Protection sleeves:

GEP : Polyester : - 50 to 150°C

GVB : Fiberglass Treated - 60 to 450°C

GFSI : Silica : + 1 100°C



Tubes:

PVC – Silicon – TPE – Polyamide – Polyethylene–
PTFE....

Lead wire for hermetic group



Lead wire -30°C to +125°C
According to UL 5170 - 5048



Fluoropolymer wire -90°C to +200°C
According to UL 10210 / 10211

Extruded wire

-100°C to +260°C



PVC wire

| | |
|------|-------------------------|
| KY | -20 to 105°C |
| HO | -25 to 70 & 105°C |
| 48AU | -25 to 80 & 105 & 125°C |



Fluoropolymer wire

| | |
|---------------------|--------------|
| ET150: ETFE : | -90 to 150°C |
| KU01 – KU02: ETFE : | -55 to 150°C |
| FE200: FEP : | -90 to 200°C |
| PF260: PFA : | -90 to 260°C |



TPE / TPU / SEBS / PA / Halogen Free ...

| | |
|--------------------------|--------------|
| AL155: TPE : | -30 to 155°C |
| TC150: TPE Halogen Free: | -50 to 140°C |

Extruded cable

-100°C to +260°C



PVC cable

| | |
|-------|-------------------------|
| LiYY | -25 to 80 & 105 & 125°C |
| LiYCY | -25 to 80 & 105 & 125°C |



Fluoropolymer cable

| | |
|----------------------------------|--------------|
| KU03 – KU04 – KU05 – KU06: ETFE: | -55 to 150°C |
| 720ET – 720CT: ETFE/ETFE : | -90 to 150°C |
| 720FE – 720CE: FEP/ FEP: | -90 to 200°C |
| 720FA – 720CA: PFA / PFA : | -90 to 260°C |



TPE / TPU / PA / Halogen Free... cable

| | |
|------------------------------|--------------|
| 718TC – 718CY: TPE : | -30 to 155°C |
| 618SH – 618CH: Halogen Free: | -25 to 80°C |

**We can study and manufacture
your specific needs. Contact us.**



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.

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CGP

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

CGP S.A.S.

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Berne

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

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Plastelec

Division Tubes

Plastelec Tubes

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

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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

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