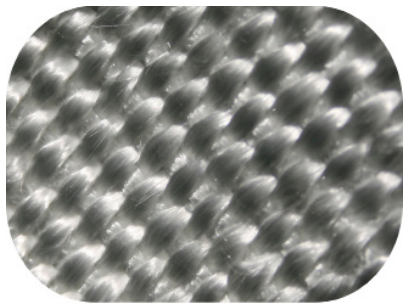




## Textiles: High Temperature Fiberglass

### ICP 800



#### DESCRIPTION

Insulation material manufactured from E type fiberglass treated to withstand high temperatures.

Fibers with a low coefficient of friction and low conductivity.

Fibers are designed for all types of thermal insulation and / or thermal protection.

#### APPLICATION

- Cable protection where are in contact with splashes of molten metal.
- Heat and air conditioning installations, process industry, power industry, etc.
- The most common applications are foundry, steam boiler, furnaces, welding robots, etc.

#### CHARACTERISTICS

- Moisture proof
- Good thermal and electrical resistance
- Good solvent and Ultra Violent resistance
- Excellent mechanical strength and material adaptability
- Excellent chemical resistance (except phosphoric and hydrofluoric acids)
- Operating temperatures 700°C (1.300 °F) and peak temperature of 800°C (1470° C).

#### PRODUCT PARAMETERS

##### Physical Parameters

Clasification Temperature	700 °C (1.300 °F)
Peak Temperature	800 °C (1.470 °F)
Softening temperature	920 °C (1.680 °F)
Colour	Blue
Filament length	13 µm
Loss due to shrinkage	< 1,5 %
Thermal Conductivity	0.035 Kcal/m.h.°C

CalvoSealing offers the next formats:

FORMAT	DIMENSIONS
<b>ICP 810</b> TWISTED ROPE	3 - 50 mm
<b>ICP 820</b> KNITTED ROPES Low density	4 - 16 mm
<b>ICP 830</b> KNITTED ROPES High density	4- 16 mm
<b>ICP 850</b> ROUND BRAIDED ROPE	4 - 110 mm
<b>ICP 860</b> <b>ICP 864</b> SQUARE AND RECTANGULAR BRAIDED ROPE	4 --110 mm
<b>ICP 870</b> TAPES AND CLOTHS	Width: 15 - 1000 mm Thickness: 2 - 5 mm
<b>ICP 880</b> HOSE PROTECTION	Ø 10 - 110 mm
<b>ICP8590 / 890F</b> SLEEVES	12 -160 mm

CalvoSealing has a technical department at your service to provide advice and help in the correct choice of material for your specific application.

The information contained in this publication is given in good faith, with the intention of being used as a guide based on our knowledge and experience. The adequacy of the product depends on a number of specific factors for each case. Failure to take them into account can result in serious material or personnel damage. The guarantee and liability are limited to the value of the invoice of the goods supplied. CalvoSealing remains in constant development, so it reserves the right to change the product design and properties without prior notice.