

Fittingssestāņdar

We connect with the water

*COMPANY
PRESENTATION*

12.000 m²
Indoor facilities

26.000 m²
Plot

 **Fittingseständer**

Albacete Production Center

 **Fittingseständer**



Fittingsestándar

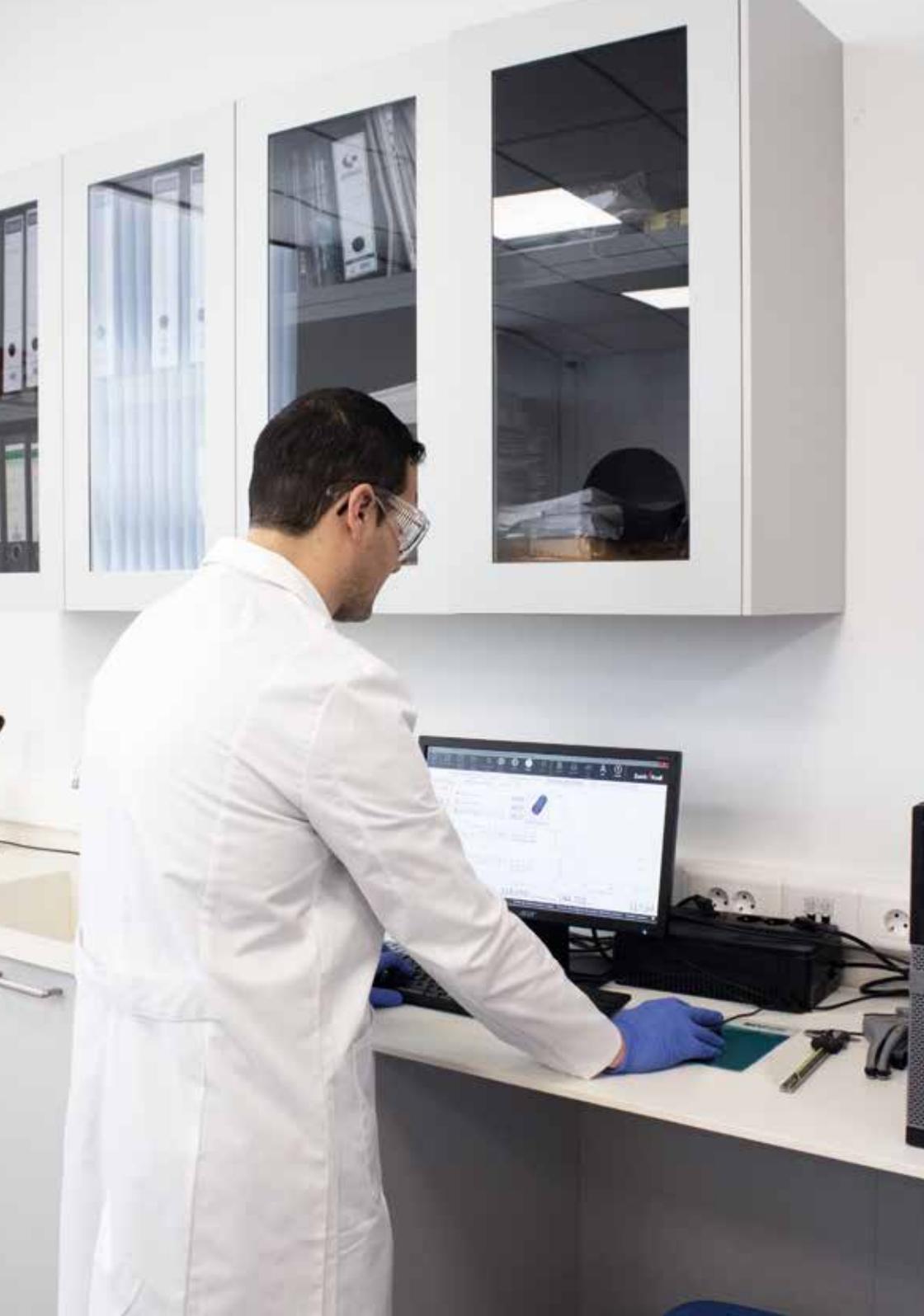
Fittings Estándar is one of the Spanish leading companies in designing and manufacturing of flexible systems for plumbing, heating and cooling for professional installations.

Being set up in 2000, the Company has been and still is an example of constant growth and business development.

Our core values are investigation, innovation, responsibility, quality and commitment.

Our cutting-edge systems and advanced production technologies let us offer a wide range of high quality products, an excellent efficiency and great reliability.

We have our own investigation centre in charge of not only designing and testing of the new products, but also of guaranteeing of productive capacity and high quality.



Quality

From Fittings Estándar we maintain a close relationship with our customers, in order to be able to give always our best and fulfill with their expectations or even surpass them.

With this goal we consistently adapt to the demands of the sector for achieving a constant improvement and compliance of the proposed requirements.

Our R&D department tests and analyses all our products to guarantee their highest quality before placing them on the market.

For Fittings Estándar the concept of quality means to guarantee quality features superior to those required by the current standards and regulations.

All our products are made of the highest quality raw materials. In addition, our products are constantly tested for the water tightness, in order to guarantee no leaking while the normal conditions of use are kept.



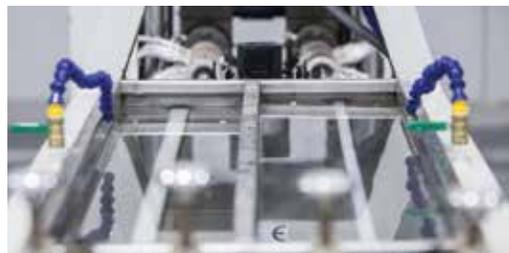
Inyección



Soldadura TIG



PEXa



Innovation

PEXa pipes are produced in our premises in Albacete (Spain). **Multilayer PERT/AL/PERT** pipe with “head to head” welding is also available.

As the latest news, Fitting Estándar would like to point out installation of the new generation production line for **PERT EVOH 5 layers pipe**, highly flexible pipe suitable for underfloor heating installations.

The whole range of **PPSU** fittings are produced in our Injection department.

RÁPIDO y FÁCIL and Press Fittings for PEX and Multilayer pipe are available.

Our premises

Our premises are located in Romica industrial park, 11 km away from the town of Albacete.

The indoor facilities occupy an area of 12.000 square meters within a plot of 26.000 square meters, with 5 spots where the orders are prepared, 2 loading docks, loading and unloading bay and a back yard.

In the manufacturing facilities, PEXa, PERT and multilayer pipe and also PPSU fittings are produced in our extrusion and injection machines.

Our laboratory is equipped with the most innovative technologies which allow to improve the reaction time and develop the most advanced diagnostic techniques.

Our offices are split into two floors, with a meeting point, offices, training room and a lounge.



Extrusion



Warehouse



Injection



Loading and unloading bay

Location

Fittings Estándar is located in Albacete, Spain.

Albacete is the most important town in Castilla-La Mancha, regional engine for economic growth and the economic, institutional and judicial centre of the Autonomous Community.

Its beneficial location between Madrid and the Mediterranean coast turns the town into the main logistic and communication node of the Southeastern Spain.

Well connected with different points of Spain by the net of highways, railways (high speed train included) and also by air (Albacete-Los Llanos airport).

Highways

A-30 A-31 A-32 CM-45

Railway

Alvia, Alaria, Alaris, Tren hotel, Talgo, Media distancia, Intercity

Airport

Airport, 5 airports in less than 250 km distance

Seaports

Seaports in less than 180 km distance



Our team

The genuine engine of Fittings Estándar is our team of professionals highly qualified, committed to the values of the Company and involved in everyday improvement.

Fittings Estándar is a family company with professionals in each field, from the product design, marketing, after sales service and customer service.

Furthermore, the Company is 100% committed to equality of opportunities and work-life balance.

Products



UNDERFLOOR HEATING AND COOLING SYSTEM

Fittings Estándar is a manufacturer of pipe and other components for underfloor heating and cooling system.

KLETT system and a new laminated floor panel included.



RÁPIDO & FÁCIL

Fittings made of the highest quality brass and PPSU, compatible with PEXa pipe Ø 16, 20, 25 and 32 mm.

Sleeve with stops in order to guarantee the expansion and contraction with complete security.



PEX PIPE

Wide range of PEXa pipes.



MULTILAYER PIPE

Multilayer PEX/AL/PE and multilayer PERT/AL/PERT pipe in a wide range of diameters.



PERT EVOH 5 LAYERS PIPE

Red PERT EVOH 5 layers pipe in a wide range of diameters.



MULTILAYER FITTINGS

Fittings made of the highest quality brass and PPSU, compatible with PEXa pipe Ø 16, 20, 25 and 32 mm.

Sleeve with stops in order to guarantee the expansion and contraction with complete security.



ECO-PRESS PEX FITTINGS

Suitable for crossed-linked polyethylene pipe. 6-barbed fitting for better water tightness.

AISI 304 stainless steel sleeve with an inspection window to ensure that the pipe is fully home.



SLIDING SLEEVE FITTINGS (axial fitting system)

Suitable for crossed-linked polyethylene pipe. Designed with body insert that allows a turn of the fitting once installed, maintaining all its characteristics without losing the water tightness.



PEXa COMPRESSION FITTINGS

Fittings made of the highest quality brass. With a tightening nut for a quick installation.



MULTILAYER COMPRESSION FITTINGS

Fittings made of the highest quality chromed brass.

With two (2) O-rings that reinforce the water tightness, one anti-electolysis gasket and the tightening nut.



POLYETHYLENE FITTINGS

Sleeve and tightening nut made of embossing and sandblasted brass.

With O-ring for secure connection of ldpe and hdpe polyethylene pipe.



PPR PIPE AND FITTINGS

Wide range of polypropylene pipes and fittings, from Ø 20mm to Ø 160mm.

**UNDERFLOOR
HEATING
System
AENOR CERTIFICATE**



PEXa PLASTIC

Pipes

- Manufactured according to ISO 15875
- Crossed-linked polyethylene PEXa pipe, Xa peroxide system
- PEXa, great flexibility and perfect homogenization of cross-linking
- Repairable using the heat in case of accidental bottleneck during the installation
- Suitable for build in plumbing and heating installations
- Please consult Fittings Estándar compatibility chart



Corrosion
resistance



Excellent
thermal
memory



Lightness



High
flexibility



Low
temperature
resistance



Max.
temperature
95°C



Pressure
resistance
(depending on Ø and thickness)



Long
lifetime



MULTILAYER Pipes

- Manufactured according to ISO 21003
- In accordance with RD 140/2003 Hygienic and sanitary standards for human consumption
- 100% oxygen impermeability due to the aluminium layer welded "head to head"
- Suitable for antifreeze fluids with water/glycol solution up to 35% of volume
- Suitable for sanitary installations with pH > 6,5 and total hardness of the water
- Suitable for plumbing and underfloor heating installations and for radiator heated installations
- Low linear dilatation due to the aluminium layer
- Homogeneous aluminium thickness
- Lack of points fragile to breaking
- Please consult Fittings Estándar compatibility chart



Homogeneous
in a cross section
of the pipe



Low
temperature
resistance



Lack of points
fragile to
breaking



Max.
temperature
95°C



Max.
pressure
10 bar



Long
lifetime



PERT EVOH 5 LAYERS

Pipes

- Manufactured according to ISO 22391 - DIN 4726 and ISO 17455
- Polyethylene of raised temperature resistance PERT type II with oxygen barrier EVOH
- Manufactured with 5 layers: PERT/Adhesive/EVOH/Adhesive/PERT
- All the layers are manufactured at the same time (by the means of coextrusion), so the union of materials is homogeneous and stable. The oxygen barrier EVOH is situated in the intermediate layer to assure that the oxygen barrier cannot be damaged during the installation or by the heat or humidity.
- The oxygen barrier EVOH avoids the sludge generated by oxygen in the water and therefore increases the lifetime of the installation without a need of circuits cleaning. Avoiding the corrosion of metal parts (boiler, manifolds, fittings ...) of the installation and increasing a lifetime of all the components of the installation.
- Please consult Fittings Estándar compatibility chart
- Possible to be manufactured in a wide range of colours



Corrosion
resistance



Lightness



High
flexibility



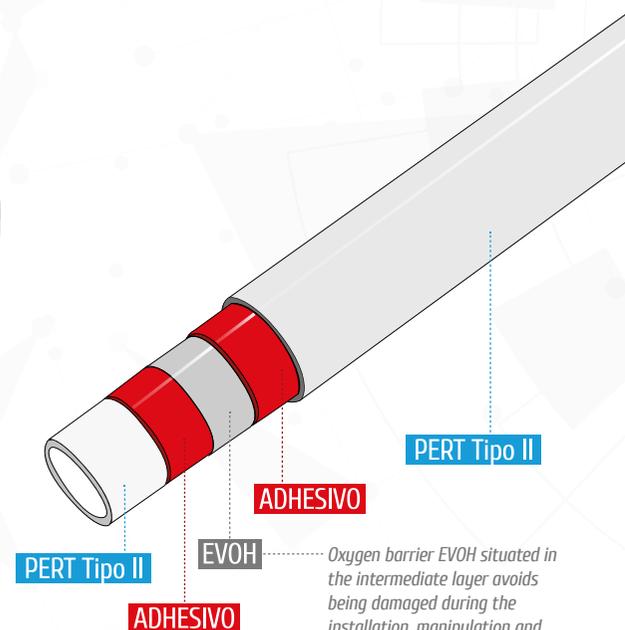
Max.
temperature
70°C



Max.
pressure
6 bar



Long
lifetime



Rápido y FÁCIL

RÁPIDO & FÁCIL System

PEXa pipe

PEXa pipe is a pipe with an ideal flexibility, excellent for expansion systems. Rápido & Fácil system 001/007431 AENOR Certification, according to UNE-EN ISO 15875 standard.

Sleeve

Sleeve with stops in order to guarantee the expansion and contraction with complete security, made by injection moulding with high-tech polymere. Available in three different colours (red, blue and natural white).

Advantages

More secure union. The union is achieved by the compression force without variation on the whole surface of the barb.

Assembly compatible with the most tools available on the market. Union method without o-rings. No need to calibrate or bevel the pipe end.



ECO-PRESS System

Body

Fittings made of CW617N and CW614N brass.
Eco-Press system 001/007434 AENOR Certification, according to UNE-EN ISO 15875 standard.

Designed with 6-barbed fitting for better water tightness.

Thanks to an optimal machining process together with the barb beveling, a perfect water transition from pipe to fitting is achieved, reducing the pressure loss and the possible sediments.

Block sleeve

Made of red polypropylene. This block sleeve maintains the sleeve fixed while introducing the pipe easily for the pressing.

Sleeve

Designed for mechanical compression and made of AISI 304 stainless steel, marked with the diameter and thickness of the pipe.



MULTILAYER System

Body

Fittings made of CW617N y CW614N brass, the highest quality material which complies with the most demanding sanitary legislation of the European Union.

Multilayer system 001/005920 AENOR Certification, according to UNE-EN ISO 21003 standard.

Designed with 6-barbed fitting that guarantees a perfect connection and water tightness between the fitting and the pipe.

O-rings

Our fittings are assembled with 70% peroxide EPDM O-rings that are manufactured according to UNE EN 681-1 and UNE EN 682-2 standards and guarantee a perfect water tightness. Suitable for food use in compliance with DVGW W270.

Block sleeve

Made of polypropylene. Avoids forming of galvanic coupling that might appear between the pipe aluminium and the brass and maintains the sleeve fixed while introducing the pipe easily for the pressing.

Sleeve

Designed for mechanical compression and made of AISI 304 stainless steel, marked with the diameter and thickness of the pipe.



SLIDING SLEEVE *System*

Body

Fittings made of CW617N y CW614N brass. Sliding sleeve system 001/007420 AENOR Certification, according to UNE-EN ISO 15875 standard.

Designed with body insert that allows a turn of the fitting once installed, maintaining all its characteristics without losing the water tightness.

Sleeve

Designed with a special bevel that reduces the friction coefficient in assembly process.

Accumulation of plastic material between the barb and the sleeve in pressing process is also reduced significantly.





UNDERLOOR HEATING

Panels

Fittings Estándar Underfloor heating system certified by AENOR

Low temperature water is used to deliver and distribute the energy through insulating panels embedded in the floor.

Our solutions put together smart use of resources, efficient space maximising and easy installation.





PPR PIPES

and fittings

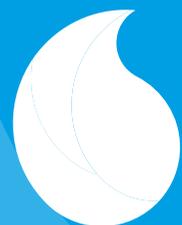
Fields of application

- Transportation of chemical products
- Cold water, sanitary hot water, heating and cooling installations
- Transportation of industrial fluids and food substances
- Compressed air installations

Advantages

- High temperature resistance (from -15 °C to 95 °C)
- No colour or flavour transmission to the water
- Eco-friendly and 100% recyclable. Halogen free.
- Lack of corrosion and incrustations
- High chemical resistance





Fittingsestandar

FLEXIBLE PLUMBING, HEATING AND COOLING SYSTEMS

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