



**Fittings  
for Hydrocarbon Processing  
Powergen & Industry**

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# Fittings for Hydrocarbon Processing Powergen & Industry



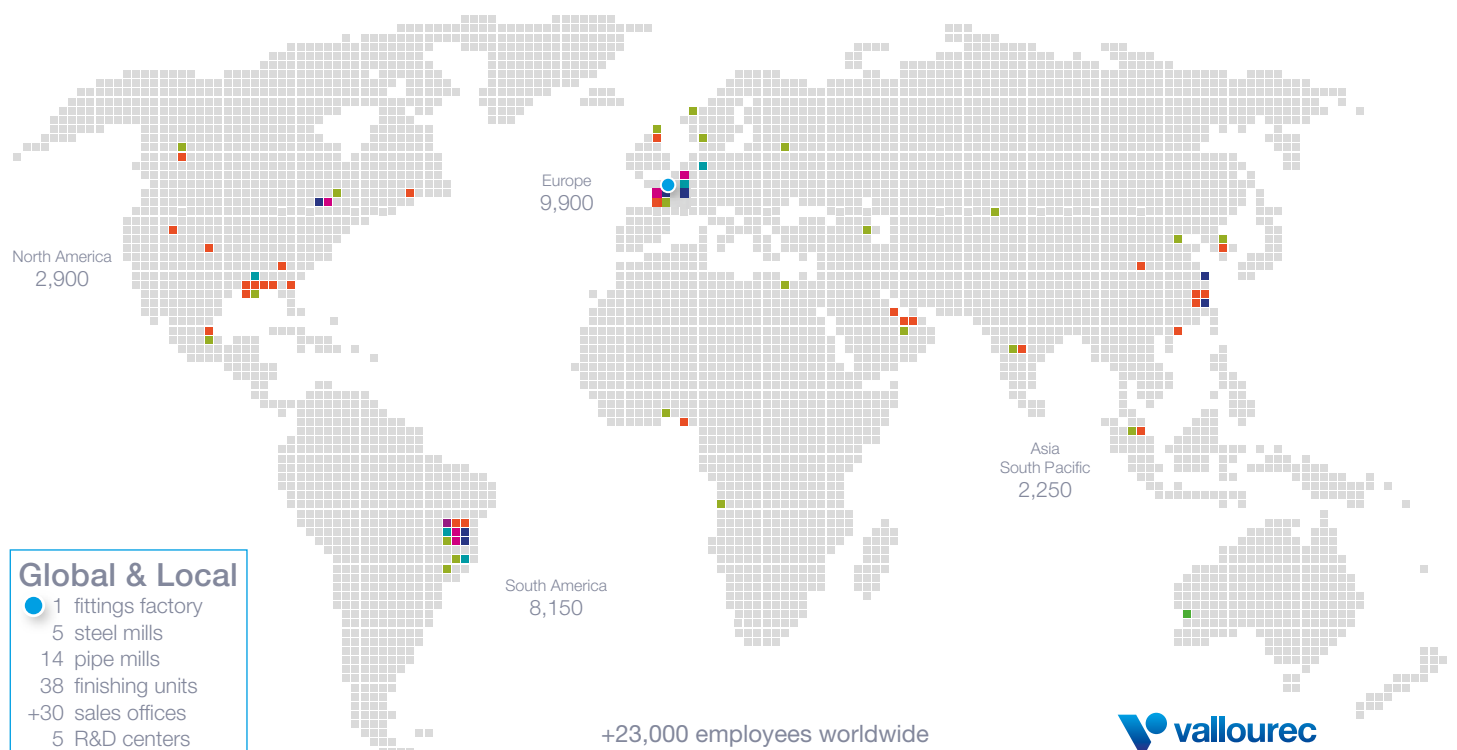
## Vallourec a leader in tubular solutions

Vallourec is a world leader in premium tubular and welding solutions, providing the broadest range of seamless tubes and pipe in the world for Oil & Gas, powergen and industry applications. Our innovative products, advanced welding solutions and services have been developed in response to the specific challenges of oil & gas markets, for drilling, exploration, SURF, as well as production, hydrocarbon transporting and processing. Vallourec is fully integrated and controls the supply chain from steel production, through to the finished products and delivery to the customer.

## Vallourec Fittings: 60 years of experience

Vallourec Fittings is located in Maubeuge, France, at the heart of historical steel & tube industrial area of Vallourec, close to Paris and to the international port of Antwerp. Vallourec Fittings has been manufacturing and selling elbows, reducers, tees and caps for more than 60 years.

As one of the market leaders in seamless butt-weld carbon fittings, Vallourec Fittings is recognized as a most reliable partner for distribution and projects. Our worldwide network of 7 offices (Maubeuge, Houston, Toronto, Dubai, Singapore, Moscow and Seoul) gives us a global reach to over than 30 countries.



# A Full Range of Products for your Applications

## Quality & traceability

Our seamless fittings originate almost exclusively from Vallourec Pipes. Our company policy and guarantee is your assurance: we provide a full traceability of our products. From the pipe sourcing to the full set of certificates, and through each step of the manufacturing and testing process.

With our new furnace, our advanced in-house laboratory and the proximity of a major Vallourec R&D Center, Vallourec Fittings can answer every one of your needs, with top quality.

We deliver to your specifications, to your schedule and to the highest quality, safety and environmental standards.

## Fit to your applications

Our seamless fittings (elbows up to 30"OD, tees up to 16" OD, reducers up to 18" OD and caps/dished ends up to 406.4mm OD) are designed and manufactured to meet the requirements of 3 major challenging industrial sectors.

### > Oil & Gas

Midstream / Downstream

- Refineries
- Petrochemical Plants
- Processing Units
- FPSO

### > Power Generation

- Boilers
- Steam piping

### > Industry

- Offshore Platforms
- Water treatment
- Building structures

## Major approvals

We are proud to be partners of all the major players in Oil & Gas, Powergen and Industry, amongst which:

**TOTAL, ARAMCO, CHEVRON, EXXON MOBIL, KOC, PDO, SHELL, REPSOL, KNPC, CRN**



**Safety**  
**n°1**  
Priority.

**+99.9%**  
Quality index average

**+60**  
Years of experience  
in Oil & Gas, Powergen  
and Industry

**+100**  
Customers worldwide

**+2,700,000**  
Items sold per year

**+40**  
Countries using  
Vallourec Fittings  
products

**+99%**  
Delivery index average

# A Fully Integrated Process & Advanced Services

## Vallourec Fittings in Maubeuge: 60 years of experience and efficiency

Every stage of our manufacturing process follows the most stringent standards in the industry. Our products are used worldwide, renowned for their quality and reliability: the fruit of know-how and expertise.



1  
Tubes



2  
Cutting



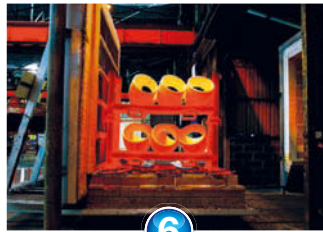
3  
Forging



4  
Beveling



5  
Quality Control



6  
Heat Treatment



7  
Varnishing



8  
Packaging & Shipping

## Services tailored to your needs

Vallourec Fittings offers a vast offer of complementary services that can be tailored to your particular needs, adapted to your schedule, designed to improve your workflow, organization and cost effectiveness.



Fast Track  
Order



Advanced  
Training



Express  
Delivery



Customized  
Packaging



Storage  
Solutions



# Product range



## Elbows

Outside Diameter: from 21.3 mm (1/2") to 762 mm (30")  
 Wall Thickness: up to sched XXS/160  
 Standards EN 10253-2 and ASTM A234, A420, A860  
 Shape: 45°, 90° and 180°. Short Radius, Long Radius and/or 5D.  
 Other dimensions available upon request.



## Reducers

Outside Diameter: from 26.7 mm (3/4") to 457 mm (18")  
 Wall Thickness: up to sched XXS/160  
 Standards EN 10253-2 and ASTM A234, A420  
 Shape: concentric and eccentric  
 Other dimensions available upon request.



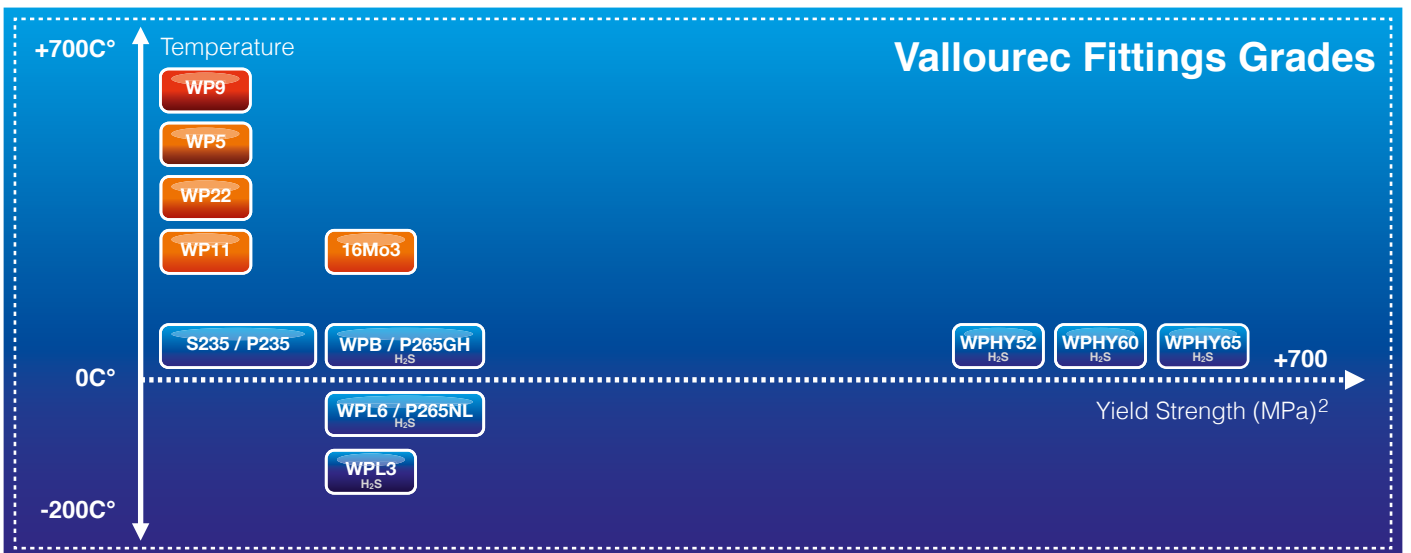
## Tees

Outside Diameter: from 60.3 mm (2") to 406.4 mm (16")  
 Wall Thickness: up to sched XXS/160  
 Standards EN 10253-2 and ASTM A234  
 Shape: equal and reducing  
 Other dimensions available upon request.



## Caps

Outside Diameter: from 33.7 mm to 406.4 mm  
 Wall Thickness: up to 8.8 mm  
 Standards EN 10253-1  
 Shape: dished ends  
 Other dimensions available upon request.



### Certified Production Unit & Standards

Vallourec mills are approved by major national & international oil companies, official authorities, customers & organizations  
**ISO 9001 - ISO 14001 - OHSAS 18001 - BUREAU VERITAS - LLOYDS - TÜV - AFNOR - CRN**  
**EN - ASME - ASTM - PED - BS**



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