



WELDING APPLICATIONS PROGRAMME **WIRES for TIG ORBITAL**

- Productivity superior to manual welding
- Wires for high-quality welding
- Ease-of-use
- Welding in confined spaces
- ISO 9001 certification

fp **FP SOUDAGE** ODAM

Selectarc
WELDING



FSH Welding Group makes every effort to ensure its customers benefit fully from its vast know-how.

Over 40 years, FP Soudage, the manufacturing workshop of the group, has built up recognised expertise, allowing it to be distinguished amongst the major players in the industry.

The irreproachable quality of its offering in standard and special wires and its quality assurance process guarantee compliance with customer specifications. Our objective is simple and ambitious - to improve continuously in order to ensure the complete satisfaction of each of our customers.

PROCESS

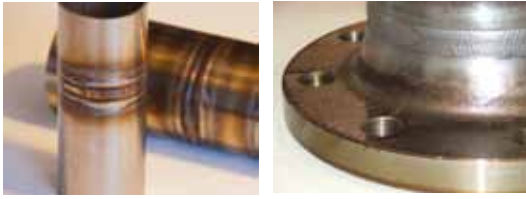
Amongst the various welding processes, the automatic TIG ORBITAL process is one of the most efficient and precise techniques in the industrial world, ensuring welds of the highest quality.

The process allows for the welding of all types of thicknesses, even the thinnest, and for access to places which are almost inaccessible using other processes.



Categories of application

- Tube / tube
→ Pipework applications
- Tube / plate
→ Exchanger and boiler applications



Principal references

In order to respond to the leading-edge requirements of customers in terms of the quality stability of the alloys

A wide choice of alloys for multiple applications ...

Non-alloyed and low-alloy steels, stainless, duplex and super-duplex steels, nickel, titanium, aluminium and copper alloys.

Denomination	Family	AWS Classification	
Selectarc 70S6	■	A5.18	ER70S-6
Selectarc 308L	■	A5.9	ER308L
Selectarc 316L	■	A5.9	ER316L
Selectarc 2209	■	A5.9	ER2209
Selectarc AlMg5	■	A5.10	ER5356
Selectarc Ni625	■	A5.14	ERNiCrMo-3
Selectarc Ni82	■	A5.14	ERNiCr-3
Selectarc T40	■	A5.16	ERTi-2
Selectarc TA6V4	■	A5.16	ERTi-5

Families: ■ Low alloy steel; ■ Stainless steel; ■ Nickel;
■ Aluminium; ■ Titanium

À la carte quality and service !

- The cleanliness of the wires, indispensable in this type of use, is guaranteed thanks to electro-chemical and mechanical scouring processes.
- The reeling in butt jointed spirals provides for a perfect spooling of the wire.
- Diameters of the wires: available from dia. 0.6mm to 1.2mm.
- The supply wires are available in standard packaging in specific reels D100 and D200, of 0.500Kg, 1Kg, 1.5Kg, 2Kg and 5Kg, or in any kind of packaging produced to customer specifications.
- Additional mechanical tests: RCCM, certificates 3.1 mechanical, ...

Due to its production flexibility, FSH Welding Group can adapt to meet any special requests - grades, diameters or packaging, on request to the technical department.



... for high technological value markets

Aeronautical, agri-foodstuffs, electricity, heat and nuclear power stations, shipbuilding, electronics, chemical and petrochemical industries, pharmaceuticals, etc.



■ Aeronautical

High-pressure circuits: complex systems of small, thin-walled tubes



■ Agri-foodstuffs

Strict hygiene standards



■ Electricity, heat and nuclear power stations

High safety levels for systems subject to high pressures and temperatures



■ Ship-Building

High safety levels for systems subject to high resistance, pressures and corrosion



■ Electronics

High quality of welds and absence of humidity



■ Chemical and petrochemical industries

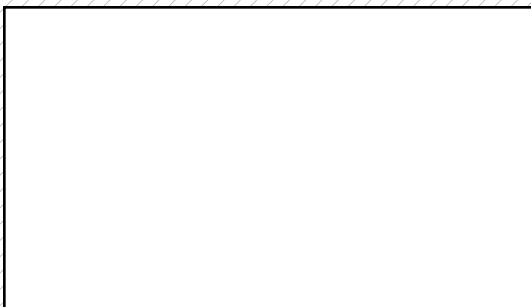
High safety levels for systems subject to high resistance, pressures and corrosion



■ Pharmaceutical

Strict hygiene standards and high resistance to corrosion

Authorized distributor



Services

• Advice and assistance

A team of experienced engineers and welders assist customers in the selection of the most appropriate materials for each application.

• Research and Development (R & D)

The R&D department carries out product tests (mechanical and non-destructive tests) in accordance with customer requests

• Customer Service

The sales department is available to respond quickly to any requests.

Quality

ISO 9001 certified, and in the process of EN 9100 certification



FP SOUDAGE

77, rue de la Maire - ZI Les Paluds
13781 Aubagne - France
Tel : +33 4 42 18 60 66
Email : info@fpsoudage.com
www.fsh-welding.com

Selectarc
WELDING

FSH WELDING GROUP
INNOVATIVE WELDING CONSUMABLES