



BRAZING PRODUCTS LINE **TUBULAR BRAZING WIRE (TBW)** *Brazargent - Silver*

- Innovative technology
- Increased productivity
- Parts requiring Accuracy
- Excellent penetration
- Eliminates waste or overconsumption of flux and alloy
- Minimum cleaning of pieces

SEAMLESS TUBULAR BRAZING WIRE!
A unique innovative technology.

Selectarc
BRAZING

THE LAST AND ONLY FOUNDRY OF BRAZING METALS IN FRANCE AND THE PIONEER OF COPPER-PHOSPHOROUS BRAZING ALLOYS!



FSH WELDING GROUP makes every effort to ensure that its customers benefit fully from its vast know-how. Since 1948, Reboud-Roche, the brazing manufacturing division of the Group, has accumulated recognised expertise, allowing it to be distinguished amongst the major players in the industry and distribution in France.

The irreproachable quality of its offer in standard and tailor-made products, as well as 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.



TUBULAR BRAZING WIRE (TBW)

Brazargent



TUBULAR TECHNOLOGY

The TBW (Tubular Brazing Wire) is the ultimate major technical evolution in terms of product shape and process.

The flux is "confined" in an extruded tube (seamless), which guarantees the entirety of the flux characteristics and an excellent brazing process. This innovation offers a simple but highly accurate method of application of the product, and yet still limiting to the strict localizing of the quantity of brazing flux applied.

APPLICATIONS



Car

Braking systems and power assisted steering



Industrial and residential air-conditioning



Electrical immersion heaters / resistors



Other related industries



⊕ PRODUCT AVANTAGES

- **Protection of operators** (no contact with the flux)
- **Absence of residues after operation** (no binder in the flux)
- **Adapted to any gap:** perfect penetration and impermeability (depending on the alloy)
- **Innovative product, unique concept worldwide**
- **High fluidity and excellent capillarity**
- **Strong reduction of fumes emissions during application**
- **Range adapted to any need:** various shapes and diameters available
- **Excellent in automatized processes**
- **Optimisation of post-braze cleaning** (perfection of process)
- **Excellent flux / metal ratio:** increased profitability
- **Use in flame, induction or oven / furnace brazing**
- **Assembly of all kind of metals** (steel, copper, stainless steel, brass...)
- **Less heat required in comparing to solid wire** (less mass)
- **Ease of storage and transport thanks to the absence of flux coating**



COMPARISON

Selectarc TBW 50XX vs Flux coated rod

PRODUCT TYPE	REQUIRED FILED METAL	QUANTITY OF PRODUCT TO BUY	AG CONTENT QUANTITY	FLUX QUANTITY
FLUX COATED ROD (35% of weight in flux)	7.5 kg	11.54 kg Flux coated rod	Identical	4.04 kg
FLUX COATED ROD (25% of weight in flux)	7.5 kg	10 kg Flux coated rod	Identical	2.50 kg
Selectarc TBW 50XX (12% of weight in flux)	7.5 kg	8.52 kg TBW	Identical	1.02 kg

TECHNICAL AND ECONOMICAL BENEFITS BALANCE

TUBULAR BRAZING WIRE VS TRADITIONAL COATED RODS



*Benefits of product depends on application.
Increased savings = more profits.*

With TBW, you save time, labour, material and treatment costs.

Generally, TBW product is more competitive!

COATED RODS

- 1 Possibility to customize by the coating colour
- 2 Purchase cost slightly lower

TUBULAR BRAZING WIRE

- 1 Optimum control of flux and metal quantity deposited
- 2 Available in preforms
- 3 Automation of the spool process
- 4 Better capillarity
- 5 Higher reduction in fume emission during brazing operation
- 6 Almost no post-brazing cleaning
- 7 Better productivity: Total rod weight / metal filled
- 8 No coating fragility
- 9 Lower total cost (consumable price + manufacturing)*

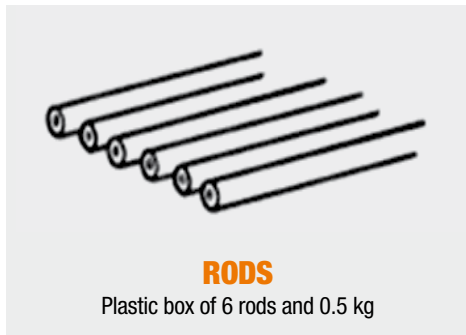
* For further information, please consult a salesman.

References available:

PRODUCT NAME	REFERENCE	STANDARD NF EN ISO 17672	STANDARD AWS A5.8	FLUX TYPE FH 10 STANDARD NF EN 1045	MELTING RANGE
SELECTARC TBW 5034	TBW 5034	Ag 134	-	12% (+/-2) weighty total	630°C-730°C
SELECTARC TBW 5038	TBW 5038	Ag 138	B Ag-34		650°C-720°C
SELECTARC TBW 5040	TBW 5040	Ag 140	B Ag-28		650°C-710°C
SELECTARC TBW 5045	TBW 5045	Ag 145	B Ag-36		640°C-680°C
SELECTARC TBW 5056	TBW 5056	Ag 156	B Ag-7		620°C-655°C
SELECTARC TBW 3050	TBW 3050	Ag 450	B Ag-24		660°C-705°C

Products available in:

- **Standard diameter:** 1.0 mm - 2.5 mm



Other types of packaging on specific request.

Services

- **Advice and assistance**

A team of experienced engineers and metallurgists assist customers globally in the selection of the most appropriate materials adapted to each application.

- **Research and Development (R&D)**

The R&D department is equipped to provide customized product testing in accordance with customer requests.

- **Customer service**

The sales department is available to respond rapidly and judiciously to any requests.



Quality

Manufacturer
certified ISO 9001.



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