

ARCTEC® 1003 FC SILVER BRAZING ALLOY



a quality welding alloy

GENERAL CHARACTERISTICS:

ARCTEC® 1003 FC is an economical, cadmium bearing flux coated silver brazing alloy. Suitable for brazing a variety of non ferrous metals except for aluminum and magnesium alloys.

APPLICATIONS:

ARCTEC® 1003 FC is recommended for general purpose silver brazing applications. This alloy has a broad melting range which is helpful where clearances are not uniform. For use on electrical appliances and instrumentation.

WELDING PROCEDURE:

Clean the weld zone free of all contaminants and remove surface oxides by brushing with a stainless steel or fibre brush. Heat area with oxy-acetylene or propane flame. Add filler and continue heating until the alloy flows into joint. Flux residue may be removed using hot water and a brush.

MECHANICAL PROPERTIES:

* Please Note: Tensile strengths of silver brazing alloys are not stated as several variables such as procedure used, material being soldered, joint design, fit up ,etc. will affect the joint strength. Exact tensile strength values can only be determined by conducting test on the actual joint design utilized.

OPERATING PARAMETERS:

WELDING PROCESS; OFW-TB

Melting Range
630- 730°C
1165- 1345°F

Available diameters:	Inch.	1/16"
	mm.	1.60

CALGARY FAX:(403)-250-7682 EDMONTON: (780)-484-4896 VANCOUVER: (604)-596-2940 WINNIPEG: (204)-663-7955
PHONE:(403)-250-9355 (780)-484-3304 (604)-596-6207 (204)-663-9182

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Subject to change without notice

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