



ARCWEL 790-OFW –C

Composite brazing rod with tungsten carbide for cutting applications and wear protection

Nickel -bronze- tungsten carbide rod for use with the oxy acetylene process.

- ◆ The deposit offers excellent abrasion and good impact resistance.
- ◆ Used for repair and protection on oil and rock drills, fishing tools, downhole reamers, sand mixer blades, fishing tools, (junk mill) reamers , rotary cutting bits, augers, drill bits, stabilizers, wear plates, pipe handling equipment, ripper teeth, wood processing tools etc.
- ◆ Suitable for Anti wear coatings requiring a gripping or a cutting action . (G4,G5,G 6)
- ◆ Use with ARCWEL 800-OFW Nickel bronze alloy or spray powder 2018 SF for tinning.
- ◆ **Hardness: 2500-3000HV (carbides)**
- ◆ Hardness: Matrix: 180-200 HB
- ◆ Working temperature:~ 910 °C

Note: The finer carbide size rods (G2) will provide excellent resistance to fine abrasive materials. The coarse types (G4 ,G5,& G 6) are recommended when cutting action is required .

Form of supply: Rods length 430 mm
Weight per rod +-450 gram on request we include 60 g Brazing Flux to each 5 kg box

Code	Grain size ~	Grain size mm ~	Kg Box
790 G 2	1/16x1/8	1.6-3.2	5
790 G 3	1/8x3/16	3.2– 4,8	5
790 G 4	3/16x1/4	4.8-6.4	5
790 G-5	1/4x5/16	6.4-8.0	5
790 G-6	5/16x3/8	8-10	5



Stabilizer hardfacing ARCWEL 790 –OFW



Disclaimer/Warranty

The information and data presented herein are typical or average values. Application suggested are made solely for the purpose of illustration to enable the reader to make his own valuation and are not intended as warranties .

Please observe all appropriate safety regulations when doing gas brazing or welding. MSDS available on request
www.arcwel.com E-mail: office@arcwel.com update April 2019