

308L FILLER METAL (GTAW)

FILLER METAL ELECTRODE WITH STAINLESS STEEL ALLOY 308L (18% CHROMIUM and 8% NICKEL) INTENDED TO BE USED IN GTAW PROCESS

CLASSIFICATION A.W.S: ER-308L

IDENTIFICATION: BUNDLE

APPLICATIONS: It is a stainless steel 308L electrode with an extremely low carbon content (0.03 % Máx.) so it is intercrystalline corrosion resistant. It is used in the chemical, food processing, textile industries, in oil refineries, in the manufacture of pipes and of hospital equipment, etc

CHARACTERISTICS AND PROCEDURE: Filler metal is corrosion and oxidation resistant. During combustion of oxidizing gases, it can withstand a temperature of up to 800° C. In a corrosive environment, it resists intercrystalline attack at temperatures up to 300° C. It is intended for TIG process using Argon as the shielding gas. It is supplied in 5.0 Kg bundles with a length of 36 inches. Diameters of either 1/16",3/32",1/8" and 5/32". This electrode is also manufactured as a microwire supplied in reels of 13.620 Kg with a diameter of either 0.035" or 0.045" to be used in GMAW.

TENSILE RESISTANCE:	6,035 KG./CM2 (85,848 PSI)
ELONGATION:	37 %
CURRENT:	TIG PROCESS

FILLER METAL CHEMICAL ANALYSIS %				
C	Mn	Si	Cr	Ni
0.02	0.61	0.85	19.50	9.9