

308L FILLER METAL (GMAW)

FILLER METAL ELECTRODE WITH STAINLESS STEEL ALLOY 308L (18% CHROMIUM and 8 % NICKEL)
INTENDED FOR GMAW PROCEESS

CLASSIFICATION A.W.S: ER-308L

IDENTIFICATION: 13.620 KG REEL

APPLICATIONS: It is a stainless steel 308L electrode with an extremely low carbon content (0.03 % max.) so it is intercrystalline corrosion resistant. It is used in the chemical, food processing and textile industries, in oil refineries, distilleries, 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. This is a microwire to be used in automatic systems with a feeder device. It is supplied in reels of 13.620 Kg with a diameter of either 0.035" or 0.045". It is intended to be used in GMAW.

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

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