

GFC 410NiMo

FLUX CORED WIRE

IDENTIFICATION

GFC 410NiMo, E410NiMo-1/4

CLASSIFICATION

AWS A5.22: E410NiMo-1/4

DESCRIPTION

Fluxcored wire to match deposits weld metal having about 13 Cr - 4 Ni - Mo Martensitic Stainless Steel. High resistance to corrosion fatigue cracking.

WELD METAL ANALYSIS (RANGE) %

C	Si	Mn	Cr	Mo	Ni	S	P
0.06 max	1.0 max	1.0 max	11.0 - 12.5	0.7 max	4.0 - 5.0	0.03 max	0.04 max

MECHANICAL PROPERTIES (RANGE)

Heat Treatment	UTS (MPa)	EL (%) (L=4D)
600°C / 8 h	760 min	15 min

TYPICAL APPLICATIONS

- For joining and surfacing applications.
- Hydro turbines, valve bodies, pump castings, piping etc. in power generation, offshore, chemical and petrochemical industries.

MICRO STRUCTURE : Martensite

SHIELDING GAS : 80% Ar + 20% Co2

PACKING PARAMETERS

Size (mm)	Weight / Spool (kg)
1.2	12.5