

SF-430Nb

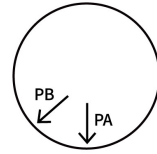
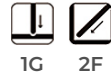
Classification

AWS AWS A5.22 / ASME SFA-5.22

ECG

EN EN 12072 GZ 17 L Nb

Welding Positions



Features

- Good corrosion resistance
- Low spatter
- Non-slag type

Polarity

DC+

Application Areas

- Stainless steels 409 and 430 Type
- Automotive mufflers

Shielding Gas

100% Ar

Ar + 2% O₂

Typical Chemical Composition of All-Weld Metal (wt%)

Shielding Gas	C	Si	Mn	P	S	Cr	Ti	Nb
Ar + 2% O ₂	0.03	0.40	0.20	0.010	0.010	16.5	0.4	0.5

Typical Mechanical Properties of All-Weld Metal

Shielding Gas	Tensile Strength MPa(ksi)	Elongation (%)
Ar + 2% O ₂	520 (75)	24

Diameter / Welding Parameters / Packaging

Wire Diameter mm(in)	Current (A)
1.2 (0.045)	180~250

SMAW

GMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux