

QuLPA-Fe44

~AWS A5.9: ER 316L

The material is suitable for application to constructions in water, gas and steam atmospheres and similar 13 % martensitic Cr. Steels where a good resistance to corrosion is demanded. The weld can be well polished. Application to non and low alloyed steels with temperatures of up to 450°C

Grain size 53 – 150 µm

Recommended for:

1.4404, 1.4571, 1.4541, 1.4301 and similar CrNi/Mo steels

Rework

The weld can be well polished and machined.

Material analysis

C	Si	Mn	Ni	Cr	Mo	Fe
0,03	0,8	1,5	12,0	17,0	2,5	Rest

(Test certificate upon request)

Mechanical values

Inert gas	Argon	Values of the pure weld
Temperature	20°C	
Yield point Re	N/mm ²	
Tensile strength Rm	N/mm ²	
Elongation A (Lo = 5do)	%	
Untreated hardness	HB	180

Delivery form:

Plastic bottle with 5 kg in a packaging of 20 kg

The reported values were determined by the manufacturer and / or by a neutral Laboratory.
We cannot guarantee for the accuracy.