

## QuMed4430

EN ISO 14343-A: G/W 19 12 3 LSi ; ASTM/AWS/SFA-5.9: ER316LSi ; M.- No.: 1.4430

The weld is suitable for joint welding of nonrusting and heat resistant steels. Corrosion-resistant joint weldings for instruments and building elements of the food industry, chemical industry, textile and fuel industry. For operating temperatures from -196°C up to +400°C.

### Recommended for

1.4401, 1.4404, 1.4571, 1.4580, 1.4583

### Material analysis in %

C	Si	Mn	Cr	Ni	Mo
0,02	0,85	1,8	18,5	12,5	2,6

(test certificates upon request.)

### Standard/Mechanical Values

Inert gas	Argon	Values of the pure weld metal
Temperature	20°C	
Yield strength Re	MPa	430
Tensile strength Rm	MPa	650
Elongation A (Lo = 5do)	%	32
Hardness untreated	HB	

### Following standard:

#### Laser welding wires

rods: 333 mm / 1.000 mm

spool: K80 / K125 / K250 / SH253 / MA125

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