

Stainless Steel Welding Wire

APPLICATION

Automobile, petrochemical industry, power station, shipbuilding, medical machinery, oil refinery etc, welding

TYPE

Tig welding Rod , Gas shielded welding wire



EXCELLENT QUALITY AND SMOOTH FEEDING WIRES
EXCELLENT PROPERTIES FOR CORROSION, CRACK, HEAT RESISTANCE
MECHANICA
GRADE AND



Size Of Mig Wire mm Diameter :

0.8, 0.9, 1.0, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0

| AWS | Physical properties of Deposited Metal | | Chemical Component | | | | | | |
|-------------|--|--------------|--------------------|------|------|---------------|-------|------|---------|
| | Tensile Strength Mpa | Elongation % | C | Mn | Si | Cr | Ni | Mo | Other |
| ER304 | 597 | 43 | 0.04 | 1.27 | 0.51 | 18.3 | 9.4 | | |
| ER307 | 612 | 43 | 0.07 | 3.95 | 0.47 | 20.4 | 9.65 | | |
| ER308 | 607 | 41 | 0.04 | 1.82 | 0.34 | 20.13 | 9.5 | | |
| ER308L | 578 | 42 | 0.024 | 1.65 | 0.42 | 20.1 | 10.33 | | |
| ER308LSi | 582 | 41 | 0.027 | 1.62 | 0.85 | 20.1 | 9.37 | | |
| ER309 | 607 | 40 | 0.083 | 1.63 | 0.42 | 23.83 | 13.13 | | |
| ER309L | 588 | 43 | 0.023 | 1.98 | 0.39 | 23.88 | 12.9 | | |
| ER309LSi | 597 | 39 | 0.023 | 1.88 | 0.84 | 23.19 | 13.21 | | |
| ER310 | 607 | 41 | 0.089 | 2.01 | 0.4 | 27.4 | 21.8 | | |
| ER316 | 578 | 38 | 0.05 | 1.78 | 0.36 | 19.61 | 12.5 | 2.49 | |
| ER316L | 558 | 40 | 0.025 | 1.91 | 0.42 | 19.1 | 12.58 | 2.57 | |
| ER316LSi | 572 | 38 | 0.028 | 1.4 | 0.85 | 18.3 | 11.32 | 2.55 | |
| ER317 | 598 | 42 | 0.048 | 1.86 | 0.45 | 19.41 | 14.23 | 3.51 | |
| ER317L | 568 | 42 | 0.023 | 1.76 | 0.4 | 19.6 | 13.68 | 3.63 | |
| ER347 | 627 | 41 | 0.03 | 1.61 | 0.41 | 20.37 | 9.9 | | Nb:0.80 |
| HoCr18Ni9Ti | 574 | 40 | 0.053 | 1.78 | 0.63 | 17.57 | 9.43 | | Ti:0.77 |
| ER409 | | | 0.08 | 0.8 | | U.S~13.5 5 | 0.6 | 0.5 | |
| ER410 | 510 | 25 | 0.1 | 0.43 | 0.54 | 11.81 | 0.17 | | |
| ER430 | 468 | 36 | 0.038 | 0.46 | 0.39 | 16.37 | 0.2 | | |
| ER502 | 483 | 38 | 0.08 | 0.58 | 0.23 | 5.3 | 0.17 | 0.52 | |