




CEWELD SP 316LSi

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|---|--|-----|-------------------|------|------|----|------|-----|-----|
| TYPE | Stainless steel alloy exceeding AISI 316 for corrosion protection layers. | | | | | | | | |
| APPLICATIONS | Recommended for applications where high corrosion resistance and relatively low wear protection is required. SP 316L is good for general machine element work including hydraulic rams, rolls and for applications in the food industry. | | | | | | | | |
| PROPERTIES | Coatings of CEWELD® SP 316LSi exhibit excellent corrosion resistance against organic and non-oxidizing acids and are recommend for internal and external diameters. Using the combustion wire spray process, CEWELD® SP 316LSi should be sprayed thinner than CEWELD® SP 1.4370 and CEWELD® SP 420 coatings. Is an 316L type wire specially modified for spraying. | | | | | | | | |
| CLASSIFICATION | EN ISO | | 14919: X.mod type | | | | | | |
| | W.Nr. | | 1.4430 | | | | | | |
| SUITABLE FOR | Corosion protection in marine environments, paper rollers etc. | | | | | | | | |
| APPROVALS | | | | | | | | | |
| WELDING POSITIONS |  | | | | | | | | |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | C | Si | Mn | P | S | Cr | Ni | Mo | Cu |
| | 0.05 | 0.8 | 1.7 | 0.01 | 0.01 | 19 | 12.5 | 2.5 | 0.3 |
| MECHANICAL PROPERTIES | | | | | | | | | |
| REDRYING | Not required | | | | | | | | |
| GAS ACC. EN ISO 14175 | M21 | | | | | | | | |