| Application Range of Stainless Steel in Chloride ion Medium | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Temperature Max | | | | | | | |
| Chloride ion content (mg/L) | 25 ℃ | 50 ℃ | 60 ℃ | 75 ℃ | 80 ℃ | 100 ℃ | 120 ℃ | 130 ℃ |
| 10 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 316 |
| 25 | 304 | 304 | 304 | 304 | 304 | 316 | 316 | 316 |
| 40 | 304 | 304 | 304 | 304 | 316 | 316 | 316 | 904L |
| 50 | 304 | 304 | 304 | 316 | 316 | 316 | 316 | 904L |
| 75 | 304 | 304 | 316 | 316 | 316 | 316 | 316 | 904L |
| 80 | 304 | 316 | 316 | 316 | 316 | 316 | 316 | 904L |
| 100 | 304 | 316 | 316 | 316 | 316 | 316 | 904L | 254SMO |
| 120 | 316 | 316 | 316 | 316 | 316 | 904L | 904L | 254SMO |
| 130 | 316 | 316 | 316 | 316 | 316 | 904L | 254SMO | 254SMO |
| 150 | 316 | 316 | 316 | 316 | 316 | 254SMO | 254SMO | 254SMO |
| 180 | 316 | 316 | 316 | 316 | 904L | 254SMO | 254SMO | R50250 |
| 250 | 316 | 316 | 316 | 904L | 254SMO | 254SMO | 254SMO | R50250 |
| 300 | 316 | 316 | 904L | 254SMO | 254SMO | 254SMO | 254SMO | R50250 |
| 400 | 316 | 904L | 254SMO | 254SMO | 254SMO | 254SMO | R50250 | R50250 |
| 500 | 904L | 904L | 254SMO | 254SMO | 254SMO | R50250 | R50250 | R50250 |
| 750 | 904L | 254SMO | 254SMO | 254SMO | R50250 | R50250 | R50250 | R50250 |
| 1000 | 904L | 254SMO | 254SMO | R50250 | R50250 | R50250 | R50250 | R50250 |
| 1800 | 254SMO | 254SMO | R50250 | R50250 | R50250 | R50250 | R50250 | R50250 |
| 5000 | 254SMO | R50250 | R50250 | R50250 | R50250 | R50250 | R50250 | R50250 |
| 7300 | R50250 | R50250 | R50250 | R50250 | R50250 | R50250 | R50250 | R50250 |

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