



STOCK RANGE • STOCK RANGE

Seamless Austenitic Stainless Steel Tubes Grade UNS N08904 (904L)/1.4539

- ▶ We have extended our stock programme for you: Seamless austenitic stainless steel tubes and pipes in grade 904L/1.4539, available from stock (see reverse)
- ▶ Main use: For highly critical corrosion problems in the chemical and petrochemical industry, pulp and paper industry as well as for flue gas desulfurization plants
- ▶ This austenitic speciality with its high molybdenum and a reduced carbon content offers excellent resistance to:
 - reductive acids like sulphuric and phosphoric acid
 - concentrated organic acids, even at elevated temperatures
 - salt and soda solutions
 - sea water
- ▶ Special characteristic:
Extraordinary resistance to pit corrosion, stress corrosion and intergranular corrosion

Chemical composition (heat analysis in %)

| C | Si | Mn | P | S | N | Cr | Cu | Mo | Ni |
|-------|-------|-------|-------|-------|-------|-------------|-----------|-----------|-------------|
| ≤0,02 | ≤0,70 | ≤2,00 | ≤0,03 | ≤0,01 | ≤0,15 | 19,00-21,00 | 1,20-2,00 | 4,00-5,00 | 24,00-26,00 |

Stock Range Grade 904L/1.4539

► Seamless highly corrosion-resistant stainless steel tubes and pipes [available from stock](#)

| OD mm | wall mm | ANSI | weight kg/m |
|-------|---------|----------------|-------------|
| 10,00 | 2,00 | | 0,401 |
| 13,50 | 2,30 | | 0,645 |
| 17,20 | 2,30 | | 0,858 |
| 20,00 | 2,00 | | 0,901 |
| 21,30 | 2,00 | | 0,967 |
| 21,30 | 2,60 | | 1,217 |
| 21,34 | 2,11 | 1/2" SCH 10S | 1,016 |
| 21,34 | 2,77 | 1/2" SCH 40S | 1,288 |
| 21,34 | 3,37 | 1/2" SCH 80S | 1,645 |
| 25,00 | 2,00 | | 1,152 |
| 26,67 | 2,11 | 3/4" SCH 10S | 1,299 |
| 26,67 | 2,87 | 3/4" SCH 40S | 1,710 |
| 26,67 | 3,91 | 3/4" SCH 80S | 2,239 |
| 26,90 | 2,00 | | 1,247 |
| 26,90 | 2,60 | | 1,582 |
| 30,00 | 2,00 | | 1,402 |
| 33,40 | 2,77 | 1" SCH 10S | 2,125 |
| 33,40 | 3,38 | 1" SCH 40S | 2,541 |
| 33,40 | 4,55 | 1" SCH 80S | 3,287 |
| 33,70 | 2,00 | | 1,588 |
| 33,70 | 2,60 | | 2,025 |
| 33,70 | 3,20 | | 2,444 |
| 38,00 | 2,60 | | 2,305 |
| 42,16 | 2,77 | 1.1/4" SCH 10S | 2,732 |
| 42,16 | 3,56 | 1.1/4" SCH 40S | 3,441 |
| 42,16 | 4,85 | 1.1/4" SCH 80S | 4,536 |
| 42,40 | 2,00 | | 2,023 |
| 42,40 | 2,60 | | 2,591 |
| 42,40 | 3,20 | | 3,141 |

| OD mm | wall mm | ANSI | weight kg/m |
|--------|---------|----------------|-------------|
| 48,26 | 2,77 | 1.1/2" SCH 10S | 3,155 |
| 48,26 | 3,68 | 1.1/2" SCH 40S | 4,108 |
| 48,26 | 5,08 | 1.1/2" SCH 80S | 5,493 |
| 48,30 | 2,00 | | 2,319 |
| 48,30 | 2,60 | | 2,975 |
| 48,30 | 3,20 | | 3,614 |
| 60,30 | 2,00 | | 2,920 |
| 60,30 | 2,60 | | 3,757 |
| 60,30 | 2,90 | | 4,168 |
| 60,30 | 3,60 | | 5,111 |
| 60,33 | 2,77 | 2" SCH 10S | 3,992 |
| 60,33 | 3,91 | 2" SCH 40S | 5,524 |
| 60,33 | 5,54 | 2" SCH 80S | 7,601 |
| 73,03 | 5,16 | 2.1/2" SCH 40S | 8,769 |
| 76,10 | 2,90 | | 5,315 |
| 76,10 | 3,60 | | 6,535 |
| 88,90 | 2,90 | | 6,245 |
| 88,90 | 3,05 | 3" SCH 10S | 6,557 |
| 88,90 | 4,05 | | 8,605 |
| 88,90 | 5,49 | 3" SCH 40S | 11,466 |
| 88,90 | 7,62 | 3" SCH 80S | 15,509 |
| 108,00 | 4,00 | | 10,417 |
| 114,30 | 3,05 | 4" SCH 10S | 8,496 |
| 114,30 | 3,60 | | 9,979 |
| 114,30 | 4,50 | | 12,372 |
| 114,30 | 6,02 | 4" SCH 40S | 16,322 |
| 114,30 | 8,56 | 4" SCH 80S | 22,660 |
| 114,30 | 8,56 | 4" SCH 80S | 22,665 |
| 139,70 | 4,00 | | 13,592 |
| 168,30 | 3,40 | 6" SCH 10S | 14,039 |
| 168,30 | 5,00 | | 20,445 |
| 168,30 | 7,11 | 6" SCH 40S | 28,697 |
| 219,10 | 8,18 | 8" SCH 40S | 43,202 |

Inspections according to:

EN 10216-5, AD W2 · SEW 400,

VDTÜV BI 421 · ASTM A312

with mill inspection certificate DIN/EN 10204/3.1

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