



BUHLMANN

TUBE SOLUTIONS

ALLOY SURCHARGES AUGUST 2017

| SEAMLESS STAINLESS STEEL PIPES | | | | |
|--------------------------------|-------------------|------------------------|-------------------------|--------|
| Material number | EN | ASTM/ASME ¹ | Alloy surcharges (Euro) | Unit |
| 1.4301 | X5CrNi18-10 | TP304 | 1,74 | per KG |
| 1.4306 | X2CrNi19-11 | TP304L | 1,74 | per KG |
| 1.4307 | X2CrNi18-9 | TP304L | 1,74 | per KG |
| 1.4401 | X5CrNiMo17-12-2 | TP316 | 2,29 | per KG |
| 1.4404 | X2CrNiMo17-12-2 | TP316L | 2,29 | per KG |
| 1.4462 | X2CrNiMoN22-5-3 | S31803 | 2,13 | per KG |
| 1.4539 | X1NiCrMoCu28-20-5 | N08904 | 3,76 | per KG |
| 1.4550 | X6CrNiNb18-10 | TP347/347H | 1,74 | per KG |
| 1.4571 | X6CrNiMoTi17-12-2 | TP316Ti | 2,29 | per KG |
| 1.4541 | X6CrNiTi18-10 | TP321 | 1,74 | per KG |
| 1.4878 | X8CrNiTi18-10 | TP321H | 1,74 | per KG |

| WELDED STAINLESS STEEL PIPES | | | | |
|------------------------------|-------------------|------------------------|-------------------------|--------|
| Material number | EN | ASTM/ASME ¹ | Alloy surcharges (Euro) | UNIT |
| 1.4301 | X5CrNi18-10 | TP304 | 1,27 | per KG |
| 1.4306 | X2CrNi19-11 | TP304L | 1,36 | per KG |
| 1.4307 | X2CrNi18-9 | TP304L | 1,27 | per KG |
| 1.4401 | X5CrNiMo17-12-2 | TP316 | 1,79 | per KG |
| 1.4404 | X2CrNiMo17-12-2 | TP316L | 1,79 | per KG |
| 1.4462 | X2CrNiMoN22-5-3 | S31803 | 1,67 | per KG |
| 1.4539 | X1NiCrMoCu28-20-5 | N08904 | 3,03 | per KG |
| 1.4550 | X6CrNiNb18-10 | TP347/347H | 1,27 | per KG |
| 1.4571 | X6CrNiMoTi17-12-2 | TP316Ti | 1,81 | per KG |
| 1.4541 | X6CrNiTi18-10 | TP321 | 1,36 | per KG |
| 1.4878 | X8CrNiTi18-10 | TP321H | 1,36 | per KG |

| ALLOY PIPES | | | | |
|-----------------|-----------------|------------------------|-------------------------|-----------|
| Material number | EN | ASTM/ASME ¹ | Alloy surcharges (Euro) | Unit |
| 1.7380 | 10CrMo9-10 | P22/T22 | 791,00 | per Tonne |
| 1.7338 | 10CrMo5-5 | P11/T11 | 411,00 | per Tonne |
| 1.7335 | 13CrMo4-5 | P12/T12 | 384,00 | per Tonne |
| 1.5414 | 16Mo3 | - | 157,00 | per Tonne |
| 1.6368 | 15NiCuMoNb5-6-4 | T36 | 778,00 | per Tonne |
| 1.4903 | X10CrMoVNb9-1 | P91/T91 | 1.602,00 | per Tonne |
| 1.4903+ | X10CrWMoVNb9-2 | P92/T92 | 2.387,00 | per Tonne |
| 1.4922 | X20CrMoV11-1 | - | 2.137,00 | per Tonne |
| 1.7386 | X11CrMo9-1 | P9/T9 | 1.452,00 | per Tonne |
| 1.7362 | X11CrMo5 | P5/T5 | 793,00 | per Tonne |
| 1.4915 | VM12 | - | 2.986,00 | per Tonne |

All details are without guarantee

¹ equivalent to EN, but not consistently