TUBEXACT
ETIRAGE DE TUBES DE PRÉCISION

INOXTUBE

Seamless tube
316L 6x1

General description

Types 316 and 316L are molybdenum-bearing austenitic stainless steel which are more resistant to general corrosion and pitting/crevice corrosion than the conventional chromium nickel austenitic stainless steel such as Type 304. These alloys also offer higher creep, stress-to-rupture and tensile strength at elevated temperature. Types 316 and 316L generally contain 2 to 3% molybdenum for improved corrosion resistance.
In addition to excellent corrosion resistance and strength properties, Types 316 and 316L alloys also provide the excellent fabricability and formability which are typical of the austenitic stainless steels.

Standards

Steel Grade TP316, 316L
Certify to ASTM A213, A269 and Nace MR0175

Size and weight

Outside diameter : 6 mm
Wall thickness : 1 mm
Length : 6000 mm
Weight : 0.125 kg/m

Finishing

Heat treatment
Annealed at 1050 °C during 5 minutes

Delivery condition
Cold drawn, annealed, pickled

Working pressure (in bar) following DIN 2413

20℃	100℃	150℃	200℃	250℃	300℃	350℃	400℃
400	354	322	297	279	258	247	240

Disclaimer: The information contained within this data sheet is for guidance only and is not intended for warranty of individual application - express or implied.