

# PIPES FOR GENERAL CORROSION SERVICE

## ASTM A269

Seamless and welded pipes for chemical and petrochemical industries

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**USE** High and low temperature purposes and general corrosive service

**STEEL GRADE** TP304/TP304L - TP316/TP316L - TP321

**PROCESSING**

- Seamless
- Welded

**TOLERANCES**

**THICKNESS**

- $D \leq 12,7\text{mm}$ : +/- 15%
- Other sizes: +/- 10%

### OUTSIDE DIAMETER IN THE BODY

Diameter (mm)	Tolerance (mm)
$D \leq 12,7$	+/-0,13
$12,7 < D < 38,1$	+/-0,13
$38,1 \leq D < 88,9$	+/-0,25
$88,9 \leq D < 139,7$	+/-0,38

### MASS

According to ASTM A1016 standard, the mass may be found by using the following equation:

$$M = t(D - t) \times C$$

The permitted variation in mass on a batch of 50 pipes with  $D \leq 101,6\text{mm}$  and for a batch of 20 pipes with  $D > 101,6\text{mm}$  will be:

- +16% for seamless hot finished pipes
- +12% for seamless cold finished pipes with  $D \leq 38,1\text{mm}$
- +13% for seamless cold finished pipes with  $D > 38,1\text{mm}$
- +10% for welded pipes

### STRAIGHTNESS

- Reasonably straight

**MARKING** According to the instructions of ASTM A1016/1016M with the addition of the type of welded and seamless pipe and the final treatment in Fahrenheit after the HT suffix if the temperature is lower than 1900° F (1040° C)

**CERTIFICATION** UNI EN 10204

**SIZE RANGE** ASME B36.19