

PIPES FOR FLUIDS PIPELINES

ASTM A53 - ASME SA53

Seamless and welded pipes for fluids and general applications

USE	Conveying pressurized fluids such as steam, water, gas and air
STEEL GRADE	A - B
PROCESSING	<ul style="list-style-type: none">➤ Seamless➤ Welded (type E-ERW)
TOLERANCES	<p>THICKNESS Seamless and welded: + not indicated (mass-defined) / - 12,5%</p> <p>OUTSIDE DIAMETER</p> <ul style="list-style-type: none">• $D \leq 48,3\text{mm} \pm 0,4\text{mm}$• $D \geq 60,3\text{mm} \pm 1\%$ <p>MASS</p> <ul style="list-style-type: none">• +/- 10% of nominal mass <p>STRAIGHTNESS</p> <ul style="list-style-type: none">• Seamless: reasonably straight• Welded: max diversion at the distance of 3m from the ends is 3,2mm
MARKING	<p>With label applied to the shipping bundle For $D \leq 48,3\text{mm}$ and painted at one end For $D > 48,3\text{mm}$ with the following information:</p> <ul style="list-style-type: none">➤ Manufacturer's trademark➤ Specification number➤ Diameter and thickness➤ Grade➤ Type of pipe S (seamless) or E (welded)➤ Pressure test or NDT (nondestructive test) only for seamless pipes if applicable➤ Length➤ Cast number
CERTIFICATION	UNI EN 10204
SIZE RANGE	ASME B36.10