

ASTM A333 Grade 3 Pipe - Data Sheet

Mejor Steel, export sourcing for steel pipe and OCTG | <https://mejorsteel.com/get-a-quote/>

Supply range

Outside diameter 1/2 inch - 24 inch (12.7 - 610 mm)

Wall thickness SCH 40 - SCH XXS, or by wall thickness

Length SRL 5.8 m, DRL 11.8 m, or fixed length

Ends Plain end, beveled end

Surface treatment Black varnish, bare, rust preventive oil

Manufacturing process Seamless, ERW, or welded

Heat treatment Normalized

Delivery standard ASTM A333 / ASME SA333, dimensions to ASME B36.10M

Delivery condition Normalized; impact tested at minus 150 degrees F (minus 100 degrees C)

Inspection and documentation

Inspection Inspected by the producing mill's own inspection department, which is independent of production, against the delivery standard above. Third-party inspection - SGS, BV or TUV, or an inspector you send yourself - can be arranged at the mill or before shipment; give us the dates and the scope at the order stage.

Certificate A mill test certificate to EN 10204 3.1 showing the heat number, the chemical composition and the mechanical results is standard on every order. EN 10204 3.2, countersigned by the inspector you nominate, is available on request.

Documents with the goods The mill test certificate and the packing list travel with the shipment, and the heat number is traceable from cast through to the finished product.

Packing Sea-worthy export packing: bundled by size with end protection, corrosion protection on request, stencilled with the size, grade and heat number.

MOQ One bundle or one truckload; mixed sizes within a bundle accepted.

Lead time Counted from order confirmation, not from the enquiry. Stock sizes 7-15 days; mill run or non-stock 4-6 weeks. The delivery window is fixed on the quotation.

How we supply Sourced through partner mills; the producing mill is named on the quotation.

Chemical composition

Element	Requirement	Element	Requirement
Carbon, C	0.19 max	Silicon, Si	0.18 - 0.37
Manganese, Mn	0.31 - 0.64	Nickel, Ni	3.18 - 3.82
Phosphorus, P	0.025 max	Chromium, Cr	no requirement
Sulphur, S	0.025 max	Molybdenum, Mo	no requirement

Mechanical properties

Grade	Tensile strength	Yield strength	Elongation	Impact test
A333 Grade 3	485 MPa min (70,000 psi)	275 MPa min (40,000 psi)	30% min	Charpy V-notch at minus 150 degrees F (minus 100 degrees C): 18 J average of three, 14 J single minimum

Source

Source: chemical composition requirements of ASTM A333 / ASME SA333, Table 1. The standard is the governing document.

Source: tensile requirements of ASTM A333 / ASME SA333, Table 1. The standard is the governing document.

The carbon-manganese grades are tested at minus 45 C, Grade 7 at minus 75 C with 2.03-2.57% nickel, Grade 3 at minus 100 C with 3.18-3.82% nickel and Grade 8 at minus 195 C with 8.40-9.60% nickel. Source: this page's composition and grade comparison tables; the Grade 7 values were confirmed for this site on 2026-09-20.

Page: <https://mejorsteel.com/standards/astm-a333-grade-3-pipe/> | The standard is the governing document. MOQ, lead time and price are confirmed on request.