

Lap Joint Flange - Data Sheet

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

Specifications

Outer diameter	1/2" - 24" to ASME B16.5
Schedule	Pipe schedule carried by the matching ASME B16.9 stub end, not by the flange
Length	Flange thickness per ASME B16.5; the stub end has its own length to ASME B16.9
Ends	Raised face (RF) or flat face (FF); the joint is made at the stub end lap
Surface treatment	Black oxide, anti-rust oil, hot dip galvanized, or machined finish
Manufacturing process	Forged and machined; stub ends are seamless or welded butt weld fittings
Pressure rating	Class 150, 300, 600 (higher classes available on request)
Connection type	Stub end butt welded to the pipe; the flange is loose behind the stub end lap

Grades supplied and minimum properties

Grade	Yield strength	Tensile strength
A105 (forged carbon steel)	250 MPa (36,000 psi)	485 MPa (70,000 psi)
F316 (forged stainless steel)	205 MPa min (30,000 psi)	515 MPa min (75,000 psi)

- A105
- A350 LF2
- F304
- F304L
- F316

Inspection & testing

Packaging	Sea-worthy export packing: wooden cases or pallets, tagged with size, grade and heat number; corrosion protection on request.
MOQ	By piece - mixed sizes accepted; no minimum on standard items.
Lead time	Stock items: 5-10 days. Made to order: 3-5 weeks after order confirmation.

- Dimensional inspection per ASME B16.5
- Stub end dimensions per ASME B16.9
- Chemical and mechanical testing per ASTM
- PMI on alloy and stainless steel
- Hardness testing

Page: <https://mejorsteel.com/flanges/lap-joint-flange/> | Everything in this data sheet is taken from the published page. The governing standard, MOQ, lead time and price are confirmed on request.