

Material Type:	316L, 304L, or 304 Stainless steel	
Dimensions:	ASTM Tube Sizes Tubing: <ul style="list-style-type: none"> • 1/8" to 6" Fittings: <ul style="list-style-type: none"> • 1/4" O.D. to 6" O.D. Fittings 	JIS Pipe Sizes Pipe & Fittings: <ul style="list-style-type: none"> • 15A to 600A (21.7mm to 609.6mm)
Reference Documents:	ASTM: A 269, A 270, A 632, A 276 & A 479 ASME: B31.3 ¹ JIS: G 3459 & G3468 CGA: G-4.1	
Tube & Pipe Lengths:	Nominal lengths: 20-foot, 4-meter, 6-meter	
Hardness:	90 Rb max.	
Valex Material Types:	ASTM: Single melt (seamless or welded, depends on size)	JIS: Single melt (seamless or welded, depends on size)
Tolerances:	In accordance with ASTM: A 269 & A 632, JIS: G3459 & G3468	
I.D. Surface Roughness:	ASTM Tube Sizes Tube: <ul style="list-style-type: none"> • 25 micro-inch Ra max. Tube Fittings: <ul style="list-style-type: none"> • 20 micro-inch Ra max. 	JIS Pipe Sizes Seamless Pipe: <ul style="list-style-type: none"> • 15A to 100A: 25 micro-inch Ra max. Welded Pipe: <ul style="list-style-type: none"> • 25A to 600A: 25 micro-inch Ra max. (excluding weld) Pipe Fittings: <ul style="list-style-type: none"> • 25 micro-inch Ra max.
Weld Ends:	Tube: Square ends suitable for orbital welding Pipe: Square or bevel end options	
Testing & Inspection:	<ul style="list-style-type: none"> • Visual inspection • Surface roughness measurement • Helium-leak testing • Dimensional inspection 	
Marking & Traceability:	Each component is traceable to its producing mill and heat by an identification number etched within 24" (610mm) of one end.	
Labeling:	Each component's bag is affixed with a label identifying the component's part number, date and Vallex lot number.	
Documentation:	A Quality Inspection Certificate is furnished with each shipment. The report contains the following information: <ol style="list-style-type: none"> Material composition & applicable specification designation Nominal outside diameter size Chemical composition Statement of quality assurance testing Inspection Certificate type 3.1 per EN 10204:2004 Lot & heat identification for traceability 	
Packaging:	All components are capped, bagged and packaged for shipment in such a manner which prevents damage to product and primary product packaging.	

¹ For detailed specifics regarding compliance, please consult factory.