222 Product Line

UNS N06022 Alloy

Material Type:	Nickel-Chromium-Molybdenum Alloy (UNS Designation N06022) [1]
Dimensions:	**ASTM Tube Sizes:** • 1/4" to 3/4" (6.35mm to 19.05mm)
Reference Documents:	**ASTM:** B 622
Tube Lengths:	• 18.5-feet to 20.083-feet (5.64-meters to 6.121-meters)
Manufacturing Method & Mechanical Properties:	Seamless Tensile Strength 110 ksi (758.4 MPa) minimum.
Tolerances:	**Outside Diameter:** ±.005" **Wall Thickness:** ±12.5%
I.D. Surface Roughness:	• 20 micro-inches (.51 micro-meters) Ra max.
Weld Ends:	Square ends suitable for orbital welding
Testing & Inspection:	• Visual inspection • Surface roughness measurement • Helium-leak test & 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 Valex lot number.
Documentation:	A Quality Inspection Certificate is furnished with each shipment. The report contains the following information: a. Material composition & applicable specification designation b. Nominal outside diameter size c. Chemical composition d. Statement of quality assurance testing e. Inspection Certificate type 3.1 per EN 10204:2004 f. Lot & heat identification for traceability
Packaging:	All tube and fittings are purged with UHP nitrogen, capped, bagged and packaged for shipment in such a manner which prevents damage to product and primary-product packaging.

[1] Haynes Hastelloy® C-22® is available upon request. Hastelloy and C-22 are registered trademarks of Haynes International Inc.