444 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, F 1372
Manufacturing Method & Mechanical Properties:	Seamless Tensile Strength 110 ksi (758.4 MPa) minimum.
Tolerances:	**Outside Diameter:** ±.005" **Wall Thickness:** +12.5% / -25.0%
Interior Surface Finish:	**I.D. Surface Roughness Options:** • 5 micro-inches Ra max. • 10 micro-inches Ra max.
O.D. Surface:	Standard outside diameter finish (may exhibit minor surface imperfections)
Weld Ends:	Square ends suitable for orbital welding
Testing & Inspection:	• Visual inspection • Surface roughness measurement • Dimensional inspection • Scanning Electron Microscopy (SEM)
Marking & Traceability:	Each component is traceable to its producing mill and heat by an identification number etched on the tube.
Labeling:	Each bag is affixed with a label identifying the 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:	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.