

Fine Tubes Reference Number 247759 Works Order Number T247759*1 Customer Part/Drawing	Material Designation UNS S31254/6Mo Stainless Steel Form Cold Drawn Seamless Tube Temper Bright Solution Annealed & Passivated Quantity 389.950 MTR in 63 pieces
	Dimensions O.D. : 25.400 mm Wall : 1.650 mm

Specification

FT2106 Latest Issue
Complying To ESS M035/12 Rev D Ver D3,
ASTM A269/A269M, ASTM A213/A213M
& NORSOK MDS R18 Revision 5

Raw/Starting Material

Cast/Heat Number 58436
Melt Method Electric Furnace + AOD
Origin/Country of Manufacture Spain
Origin/Source/Country of Melt Spain

	C %	Mn %	P %	S %	Si %	Ni %	Cr %	Mo %	Cu %	N2 %
Top	0.019	0.74	0.020	0.0005	0.440	18.23	19.98	6.08	0.68	0.2010

Mechanical Properties

Tensile Stress (Rm) (MPa)	0.2% Proof Stress (Rp:0.2) (MPa)	% Elongation 2"	Hardness HV/10.0	Hardness HRB Converted Value
731	359	59	178-179	77.7-78.1
724	356	58		

OGD Europe BV
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Tests Performed And Accepted

Inter crystalline Corrosion	Satisfactory	Material Verification [PMI]	Satisfactory
Flattening	Satisfactory	Eddy Current Test	Satisfactory
Flare Test	Satisfactory	Pressure Test	103 Bar
Pitting Test	Satisfactory	Visual Assessment/Dimensions	Satisfactory

Declaration of Conformity

This is to certify that, unless otherwise stated above, the whole of the tubing detailed hereon has been manufactured, tested and inspected in the United Kingdom. The material complies with the terms of the contract/order applicable thereto and fully conforms in all respects to the specifications listed and released in accordance with BS EN 10204:2004 Type 3.1 / DIN EN 10204:2004 Type 3.1.
in accordance with PED 2014/68/EU - Certificate Number 07/202/1326/WZ/2541/21
& AD 2000-Merkblatt W0 - Certificate Number 07/203/1326/WP/2541/21.

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Additional Information

Intergranular corrosion tested to ASTM A262 Practice E.
Pitting corrosion tested to ASTM G48 Method A at 50 degrees C for 24 hours.
No pitting evident at 20x magnification.
Weight loss less than 4.0g/m2.
PREN value 43.3, calculated from %Cr + (3.3 x %Mo) + (16 x %N).
Compliant with ANSI/NACE MR0175/ISO15156 & ANSI/NACE MR0103/ISO17945.
Material free from mercury and radioactive contamination.
Bright solution annealed at 1180 degrees C through a continuous furnace for 3 minutes minimum hold time and rapidly cooled by water jackets.
NORSOK M-650 Qualified - QTR Number 3 refers.

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