

Penn Stainless Products, Inc. Stainless Steel Tube Specifications

Penn Stainless Specification #	Seamless Tube				Welded Tube				Ornamental Tut		
	F740-9	304	304/304L	316/316L	Alloy 20	304	304/304L	316/316L	Alloy 20	304	304/304L
F740-9 Rev A											
ASTM A269	•	•	•			•	•	•			
ASTM A213/ASME SA213	•	•	•								
ASTM A511	•	•	•								
ASTM A1016	•	•	•			•	•	•		•	•
ASTM B729/ASME SB729				•							
ASTM B829				•							
ASTM A249/ASME SA249						•	•	•			
ASTM A554						•	•	•		•	•
ASTM B468/ASME SB468									•		
ASTM B751									•		
UNS	30400	30400/30403	31600/31603	UNS N08020	30400	30400/30403	31600/31603	UNS N0802	30400	30400/30403	
Chemical Analysis	•	•	•	•	•	•	•	•	•	•	•
ROHS Directive 2002/95/EC	•	•	•	•	•	•	•	•	•	•	•
NACE MR0175	•	•	•	•	•	•	•	•	•	•	•
Hardness test	ASTM A269, A249 or B468										
Tolerance- Length/Width/Flatness	ASTM A480 or B751										
Corrosion Test: ASTM A262	E	E	E	B	E	E	E	B	E	E	
Marking: <i>ASTM</i> : <i>Standard(s)</i> - <i>grade(s)</i> - <i>stamp(s)</i> + heat and plate number Certificate according to EN 10204-3.1 with the year of EN10204 issue.	Pipe should be line marked per ASTM All items must be in U.S Customary units / All these elements indicated on packing list + quantity + number of packings Where the spec rev/edition is not notes above, standard latest edition dates must be shown on certificates										
Heat Treatment	Minimum Solution Anneal Temperature and Quench Method										
	Country of Melt and Country of Manufacture										
	Inspector/ Quality person's name and title typed and signature or cert										
	Free from Radioactive Contamination/ No Mercury Contamination/No Weld Repair										
	Fraud and Falsification statement must be on test report										
	Material must be supplied in unsensitized condition										
	Cobalt must be reported on test report										
	Email certificates to certs@pennstainless.com										
	Compliance/Conformance statement that material meets all requirements of purchase order and required specifications										
Approved by:	<i>Dawn M Devlin</i>								Date:	3/1/2020	

