

## Penn Stainless Products, Inc. Stainless Steel Pipe Specifications

Penn Stainless Specification #	Seamless Pipe				Welded Pipe				Page 1/1		
	304	304/304L	316/316L	Alloy 20	304	304/304L	316/316L	Alloy 20			
F740-6 Rev A											
ASTM A312/ASME SA312	•	•	•		•	•	•				
ASTM A999	•	•			•	•					
ASTM B729/ASME SB729				•							
ASTM B829				•							
ASTM B464/ASME SB464							•				
ASTM B775							•				
ASTM A262 Practice B							•				
UNS	30400	30400/30403	31600/31603	N08020	30400	30400/30403	31600/31603	N08020			
AISI	•	•	•	•	•	•	•	•			
Chemical Analysis	•	•	•	•	•	•	•	•			
ROHS Directive 2002/95/EC	•	•	•	•	•	•	•	•			
NACE MR 0103 & MR 0175	•	•	•	•	•	•	•	•			
Hardness test	ASTM A312 or B464										
Tolerance- Length/Width/Flatness	ASTM A999 and B775										
Corrosion Test: ASTM A262	E	E	E	B	E	E	E	B			
Marking: ASTM : <i>Standard(s)- grade(s)- stamp(s)</i> + heat and plate number	Line marked per ASTM Spec										
	All items must be in U.S Customary units / All these elements indicated on packing list + quantity + number of packings										
Certificate according to EN 10204-3.1 with the year of EN10204 issue.	Where the spec rev/edition is not notes above, standard latest edition dates must be shown on certificates										
Welded Alloy 20 NPS 2	Outside Diameter 2.375/ Nominal Wall Thickness= 5S 10S, 40S, 80S										
Welded Alloy 20NPS 6	Outside Diameter 6.625/ Nominal Wall Thickness = 5S, 10S, 40S										
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:	<u>Dawn M Devlin</u>								Date:	3/1/2020	