

Penn Stainless Products, Inc. Stainless Steel Channel Specifications

Penn Stainless Specification #	Extruded Channel			Rolled Channel			Welded Channel			Page 1/1			
F740-5 Rev A	304	304/304L	316 316L	304	304/304L	316/316L	304	304/304L	316/316L				
ASTM A276/ASME SA276	•	•	•	•	•	•							
ASTM A479/ASME SA479	•	•	•	•	•	•							
AMS-QQ-S-763/ QQ-S-763 (latest revision)	•	•	•	•	•	•							
ASTM A1069							•	•	•				
AMS Spec	5639	5639/5647	5648/5653	5639	5639/5647	5648/5653							
ASTM A240-Parent Material/CMTR Required							•	•	•				
ASTM A480							•	•	•				
UNS	30400	30400/30403	31600/31603	30400	30400/30403	31600/31603	30400	30400/30403	31600/31603				
ASTM E112 Grain size	•	•	•	•	•	•							
ROHS Directive 2002/95/EC	•	•	•	•	•	•	•	•	•				
NACE MR 0103 & MR 0175	•	•	•	•	•	•	•	•	•				
Hardness test	According to ASTM A276 or A240												
Tolerance- Length/Width/Flattness	According to ASTM A 484 or A480- Aim for half of tolernace												
Corrosion Test: ASTM A262	E	E	E	E	E	E	E	E	E				
Marking: ASTM : Standard(s)- grade(s)- stamp(s) + heat and plate number	Line marked per ASTM Specification												
	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												
	Minimum solution anneal temp 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	