GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A270 UNS N08926

Standard Specification for Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A270 UNS N08926 Seamless and Welded Austenitic and Ferritic/Austenitic Stainless Steel Sanitary Tubing

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry - Tubing

Chemical Composition		
Carbon	C %	0.020 max.
Manganese	Mn %	2.000 max.
Phosphorus	P %	0.030 max.
Sulphur	S %	0.010 max.
Silicon	Si %	0.500 max.
Nickel	Ni %	24.000 - 26.000
Chromium	Cr %	19.000 - 21.000
Molybdenum	Mo %	6.000 - 7.000
Nitrogen	N %	0.150 - 0.250
Copper	Cu %	0.500 - 1.500
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Solution Annealing

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HRC	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
A 240 N08926	ASTM	USA	Plate, Sheet and Strip
A 249 N08926	ASTM	USA	Steel and Tubing
A 269 N08926	ASTM	USA	Steel and Tubing
A 312 N08926	ASTM	USA	Steel and Pipe
A 959 N08926	ASTM	USA	Steel
SA-249 UNS N08926	ASME	USA	Tubing
SA-688 UNS N08926	ASME	USA	Tubing

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.