

Material - ASTM A240 UNS S31266

Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A240 Chromium and Chromium-Nickel Stainless Steel for Pressure Vessels and for General Applications

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

Grade Belongs to the Industry - Steel, Plate, Sheet and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.030 max.	Solution Annealing	
Silicon	Si %	1.000 max.		
Manganese	Mn %	2.000 - 4.000		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	23.000 - 25.000		
Nickel	Ni %	21.000 - 24.000		
Molybdenum	Mo %	5.200 - 6.200		
Nitrogen	N %	0.350 - 0.600	Mechanical Properties	
Copper	Cu %	1.000 - 2.500	Tensile Strength in Mpa	750 min.
Tungsten	W %	1.500 - 2.500	Yield Strength in Mpa	420 min.
Iron	Fe %	Balance	Elongation in %	35 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
S31266	UNS	USA	Steel
A358 S31266	ASTM	USA	Steel and Pipe
A959 S31266	ASTM	USA	Steel
A182 F 58	ASTM	USA	Steel
A249 S31266	ASTM	USA	Steel
A269 S31266	ASTM	USA	Steel
A276 S31266	ASTM	USA	Steel

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.com

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