GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - KS D 3698 STS403

Standard Specification for Cold-Rolled Stainless Steel Sheet and Strip

Group - Ferrous Stainless Steel Alloys

Sub Group - KS D 3698 STS403 Cold-Rolled Stainless Steel Sheet and Strip

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

Grade Belongs to the Industry - Sheet and Strip

Chemical Composition		
Carbon	C %	0.150 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	11.500 - 13.500
Nickel	Ni %	0.600 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Quenching + Tempering

Mechanical Properties	
Tensile Strength in Mpa	440 min.
Yield Strength in Mpa	205 min.
Elongation in %	20 min.
Reduction of Area in %	-
Hardness in HB	201 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
D 3703 STS 403	KS	Korea	Steel and Wire
D 3702 STS 403	KS	Korea	Steel and Wire Rods
G 4308 SUS 403	JIS	Japan	Steel and Wire Rods
G 4312 SUS 403	JIS	Japan	Plate and Sheet
G 4311 SUS 403	JIS	Japan	Steel and Bars
G 4319 SUS 403 FB	JIS	Japan	Steel and Forging
6901 X 6 Cr 13	UNI	Italy	Bars and Wire Rods

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

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