

連續鍍鋅/鍍55%鋁鋅製品規範表 Production Table For Continuous Hot-Dip Galvanizing and 55% Al-Zn Alloy-coated Line

連續鍍鋅/鍍55%鋁鋅(CGI、CGL)製品規範表

Production Table For Continuous Galvanizing and 55% Al-Zn Alloy-coated Line

規格種類 Specification				製造厚度(mm) Production thickness	製造寬度(mm) Production width	用途 Material Grade
JIS	ASTM	EN	AS			
G3302 G3321	A653(M) A792(M)	10142 10147 10215 10326 10327 10346	1397	(I)0.20 ~0.25 (II)0.251~1.55	(I)600~ 950 (II)600~1250	一般、成型用 CS (Commercial Steel) CQ (Commercial Quality) FS (Forming Steel)
SGCC SGLCC	CS(A、B、C) FS(A、B)	DX51D S220GD	G1 G250			
SGC340 ---	SS33 (230) SS37 (255)	S220GD	---	$0.30 \leq T \leq 1.55$	$600 \leq W \leq 1250$	結構用 SS (Structural Steel) SQ (Structural Quality)
SGC400 SGLC400	SS40 (275)	S250GD	G300	$0.30 \leq T \leq 1.55$	$600 \leq W \leq 1250$	
SGC440 SGLC440	SS50 (340)	S280GD	G350	$0.30 \leq T \leq 1.55$	$600 \leq W \leq 1250$	
SGC490 SGLC490	SS55 (380) SS60 (410)	---	G450	$0.30 \leq T \leq 1.55$	$600 \leq W \leq 1250$	
SGCH SGC570 SGLC570	SS80 (550)	S550GD	G550	(I) $0.20 \leq T < 0.30$ (II) $0.30 \leq T < 0.45$ (III) $0.45 \leq T \leq 1.55$	$600 \leq W \leq 1000$ $600 \leq W \leq 1224$ $600 \leq W \leq 1250$	
SGCD1 SGLGD	DDS TYPE C	DX52D	G3	$0.40 \leq T \leq 1.55$	$600 \leq W \leq 1250$	深衝級用 (Deep Drawing)
鍍層量 Coating Mass	JIS	ASTM		EN		AS
	Z08~Z35	G30~G115(英制：B) Z80~Z375(公制：M)		Z80~Z375		Z80~Z375
	AZ050~AZ200	AZ30~AZ60 (英制：B) AZM100~AZM180 (公制：M)		AZ100~AZ185		AZ100~AZ200
表面精整 Surface Finish	(1) Zero or Mini(GI) / Regular(GL) Spangle：以公司生產之一般常態樣品為準(Note 6)。					
表面處理 Surface Treatment	(1) 鉻酸 Chromated Treatment (2) 抗指紋(無鉻或有鉻) Anti-finger Treatment(Cr free or Cr) (3) 塗油 Oiled (4) 鉻酸+塗油 Chromated Treatment + Oiled (5) 無鉻鈍化 Passivated Treatment(Cr free) (6) 有色抗指紋(無鉻或有鉻) Color Anti-finger Treatment(Cr free or Cr)					

備註
Remark

- (1) 厚度、寬度、平坦度…等之公差容許範圍，依 JIS G3302、JIS G3321、ASTM A924(M)、EN10143及AS1397之要求。
- (2) 鋼捲內徑為 508 或 610mm；外徑最大容許值為 2000 mm；鋼捲單重為 5 ~ 25 tons。
- (3) 鋼鐵套筒使用規定：
 - a. 外銷鋼捲厚度低於0.3mm以下，使用3.2mm鋼鐵套筒。
 - b. 外銷鋼捲不分切產品（重量大於10噸以上）且厚度低於0.3mm以下，使用5.0mm鋼鐵套筒。
 - c. 內銷鋼捲底才厚度0.28mm使用鐵套筒，若有分切時，可使用紙套筒替代。
- (4) 若客戶於規範外要求加紙套筒或鐵套筒需個別詢問。
- (5) 不在上述範圍之產品：
如尺寸、鍍層、規格等，請以個案諮詢，專案開發討論方式進行。
- (6) 一般常態樣品：指生產單位討論決議後，所提供之樣品。
- (7) 若首次接單之規格，如尺寸、鍍層、規格等，請以小量測試訂單試產60噸以下為原則。

- (1) The tolerance range of thickness, width, flatness and ...etc must meet JIS G3302 ,JIS G3321, ASTM A924(M) , EN10143 and AS1397 requirements.
- (2) Coil I.D: Either 508mm or 610mm, O.D(Max.) :2000mm, Weight(Single coil): 5~25tons.
- (3) Steel sleeve usage:
 - a. Coils for export use (thickness \leq 0.3mm), use 3.2mm steel sleeve.
 - b. Coils for export use (thickness \leq 0.3mm, non-cut, weight $>$ 10 tons), use 5mm steel sleeve.
 - c. Coils for domestic use (Substrate thickness \leq 0.28mm), use steel sleeve.For cutted coil, use paper sleeve.
- (4) Please inquiry if need to apply paper sleeve or steel sleeve.
- (5) The product is not on the above table will be handled as a special case.
- (6) General sample: Defined as a sample which provided by production Dept.
- (7) It is recommended to place a running test order if any primary size, coating mass, specification.
(Q'ty: less than 60 tons)