

規格

鍍55%鋁鋅鋼捲

A. 可供應尺寸

JIS

品名 製訂標準	冷軋鋼捲 可製尺寸			
	有調質		無調質	
JIS 規格	訂單寬度 (mm)	底材厚度 (mm)	訂單寬度 (mm)	底材厚度 (mm)
SGCC	900~940	0.20~1.60	900~940	0.20~1.60
	940~1040	0.23~1.60	940~1040	0.23~1.60
	1040~1100	0.24~1.60	1040~1100	0.24~1.60
	1100~1220	0.25~1.60	1100~1220	0.25~1.60
	1220~1230	0.26~1.60	1220~1230	0.26~1.60
	1230~1250	0.35~1.60	1230~1250	0.35~1.60
			1250~1260	0.35~1.22
			1260~1270	0.58~1.22
SGC 340	900~1050	0.20~1.60	900~1050	0.20~1.60
	1050~1220	0.28~1.60	1050~1220	0.28~1.60
	1220~1250	0.40~1.60	1220~1250	0.40~1.60
	1250~1260	0.80~1.60	1250~1260	0.80~1.60
SGC 400	900~960	0.28~1.60	900~1100	0.35~1.60
	960~1110	0.35~1.60	1100~1240	0.40~1.60
	1110~1220	0.38~1.60	1240~1260	0.60~1.60
	1220~1240	0.40~1.60	1260~1270	0.70~1.20
	1240~1260	0.60~1.60		
SGC 440	900~920	0.28~1.60	900~920	0.28~1.60
SGC 490	920~1230	0.35~1.60	920~1230	0.35~1.60
	1230~1250	0.40~1.60	1230~1250	0.40~1.60
SGC 570	900~920	0.21~1.60	900~920	0.21~1.60
SGCH	920~940	0.25~1.60	920~940	0.25~1.60
	940~1230	0.28~1.60	940~1230	0.28~1.60
	1230~1250	0.47~1.40	1230~1250	0.47~1.40
SGCD1	900~1250	0.30~1.60	900~1250	0.30~1.60

鍍層量及可適 Z08, Z10 : 0.30 ~ 1.60 mm

用之冷軋厚度 Z12, Z18, Z20, Z22, Z25, Z27 : 0.20 ~ 1.60 mm

範圍 Z35, Z450 : .40 ~ 1.60 mm8

品名 製訂標準	熱浸鍍55% 鋁鋅鋼捲 可製尺寸			
	訂單寬度 (mm)	底材厚度 (mm)	訂單寬度 (mm)	底材厚度 (mm)
SGLC	900~920	0.20~1.20	900~920	0.20~1.20
	920~1000	0.22~1.20	920~1010	0.22~1.20
	1000~1200	0.23~1.20	1010~1200	0.23~1.20
	1200~1220	0.25~1.20	1200~1220	0.25~1.20
	1220~1250	0.30~0.80	1220~1250	0.30~1.20
SGL 340	900~1110	0.30~1.20	900~920	0.27~1.20

	1110~1220	0.37~1.20	920~1250	0.30~1.20
SGL 400	900~920	0.32~1.20	900~1250	0.35~1.20
	920~1220	0.35~1.20		
SGL 440	900~1050	0.33~1.20	900~1050	0.33~1.20
SGL 490	1050~1220	0.40~1.20	1050~1250	0.40~1.20
SGL 570	900~914	0.21~1.00	900~914	0.21~1.00
	914~1050	0.23~1.00	914~1050	0.23~1.00
	1050~1220	0.30~1.00	1050~1220	0.30~1.00
SGLD1	900~1250	0.30~1.20	900~1250	0.30~1.20

鍍層量及可適 AZ050, AZ070, AZ090, AZ100, AZ120, AZ150, AZ165 : 0.20~1.20mm

用之冷軋厚度 AZ180 : 0.20 ~ 0.96 mm

範圍 AZ200 : 0.30 ~ 0.80 mm

ASTM

品名 製訂標準		熱浸鍍鋅鋼捲 可製尺寸			
ASTM (2001版)		有調質		無調質	
公制規格	英制規格	訂單寬度 (mm)	底材厚度 (mm)	訂單寬度 (mm)	底材厚度 (mm)
A653M CS A653M FS	A653 CS A653 FS	900~940	0.20~1.60	900~940	0.20~1.60
		940~1040	0.23~1.60	940~1040	0.23~1.60
		1040~1100	0.24~1.60	1040~1100	0.24~1.60
		1100~1220	0.25~1.60	1100~1220	0.25~1.60
		1220~1230	0.26~1.60	1220~1230	0.26~1.60
		1230~1250	0.35~1.60	1230~1250	0.35~1.60
					1250~1260
			1260~1270	0.58~1.22	
A653M SS Grade230	A653 SS specGrade33	900~940	0.20~1.60	900~940	0.20~1.60
		940~1040	0.23~1.60	940~1040	0.23~1.60
		1040~1100	0.24~1.60	1040~1100	0.24~1.60
		1100~1220	0.25~1.60	1100~1220	0.25~1.60
		1220~1230	0.26~1.60	1220~1230	0.26~1.60
		1230~1250	0.35~1.60	1230~1250	0.35~1.60
					1250~1260
			1260~1270	0.58~1.22	
A653M SS Grade255	A653 SS Grade37	900~1050	0.20~1.60	900~1050	0.20~1.60
		1050~1220	0.28~1.60	1050~1220	0.28~1.60
		1220~1250	0.40~1.60	1220~1250	0.40~1.60
		1250~1260	0.80~1.60	1250~1260	0.80~1.60
653M SS Grade275	A653 SS Grade40	900~960	0.28~1.60	900~1100	0.35~1.60
		960~1110	0.35~1.60	1100~1240	0.40~1.60
		1110~1220	0.38~1.60	1240~1260	0.60~1.55
		1220~1240	0.40~1.60	1260~1270	0.70~1.20
		1240~1260	0.60~1.60		
A653M SS Grade340	A653 SS Grade50	900~920	0.28~1.60	900~920	0.28~1.60
		920~1230	0.35~1.60	920~1230	0.35~1.60
		1230~1250	0.40~1.60	1230~1250	0.40~1.60
A653M SS Grade550	A653 SS Grade80	900~920	0.21~1.60	900~920	0.21~1.20
		920~940	0.25~1.60	920~940	0.25~1.60
		940~1230	0.28~1.60	940~1230	0.28~1.60
		1230~1250	0.47~1.40	1230~1250	0.47~1.40

A653M A653 DDS 900~1250 0.30~1.60 900~1250 0.30~1.60
 DDS

公制：
 Z080：0.30 ~ 1.60 mm
 Z120, Z180, Z275：0.20 ~ 1.60 mm
 Z350：0.40 ~ 1.60 mm
 英制：
 G40, G60, G90：0.20 ~ 1.60 mm
 G115：0.40 ~ 1.60 mm

鍍層量及可適用之冷軋厚度
 範圍

- B. 鍍鋅重量範圍: 40g/m² ~ 200g/m² (兩面總合)
 C. 表面精整: 一般花紋、超平滑
 D. 可供應鋼捲等級: 一般級、扣鎖成型級、沖壓級、結構級

熱浸鍍55%鋁鋅鋼捲 種類符號 冷軋底板	最小降伏點 N/mm ²	最小抗拉強度 N/mm ²	最小伸長率 %					用途
			公稱厚度 mm (t)					
			0.25 t<0.4	0.4 t<0.6	0.6 t<1.0	1.0 t<1.6	1.6 t<2.3	
JIS G3321-1998								
SGLCC	(205)	(270)	(20)	(21)	(24)	(24)	(25)	一般用
SGLCD	---	270	---	27	31	32	33	沖壓用
---	245	340	20	20	20	20	20	結構用
SGLC400	295	400	16	17	18	18	18	結構用
SGLC440	335	440	14	15	16	18	18	結構用
SGLC490	365	490	12	13	14	16	16	結構用
SGLC570	560	570	---	---	---	---	---	結構用
ASTM 代號 1999版	最小降伏點	最小抗拉強度	最小伸長率 %					用途
	ksi(MPa)	ksi(MPa)						
A792(M)-99 CS TYPE A,B,C	---	---	---					一般用
A792(M)-99 FS	---	---	---					扣鎖成型 用
A792(M)-99 DS	---	---	---					沖壓用
A792(M)-99 SS Grade33(230)	33(230)	45(310)	20					結構用
A792(M)-99 SS Grade37(255)	37(255)	52(360)	18					結構用
A792(M)-99 SS Grade40(275)	40(275)	55(380)	16					結構用
A792(M)-99 SS Grade50(345)	50(345)	65(450)	12					結構用
A792(M)-99 SS Grade80(550)	80(550)	82(570)	---					結構用

備註: JIS : ()內的數值僅供參考

ASTM:A792(M) 表公制, 以 () 數字表示.

鍍鋅鋼捲

- A. 表面精整: 一般花紋, 微細花紋, 超平滑

1. 一般花紋:

鍍鋅後之鋼板無任何處理而自然成形之花紋,又稱正常花紋.



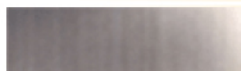
2. 微細花紋:

在鋅液中降低鉛之成份或另於鋅槽上方加裝噴鋅粉之設備,以抑制鋅花成長.



3. 超平滑:

在微小花紋再經調質機調質,使其在表面可得到均勻平滑之表面.



B. 可供應鋼捲等級: 一般級, 扣鎖成型級, 結構級, 沖壓級

JIS G3302-1998 熱浸鍍鋅鋼捲種類符號		最小降伏點 N/mm ²	最小抗拉強度 N/mm ²	最小伸長率 %						用途
				公稱厚度 mm (t)						
冷軋底板	熱軋底板			0.25 t<0.4	0.4 t<0.6	0.6 t<1.0	1.0 t<1.6	1.6 t<2.5	t2.5	
SGCC	SGHC	---	---	---	---	---	---	---	---	一般用
SGCH	---	---	---	---	---	---	---	---	---	全硬直一般用
SGCD1	---	---	270	---	34	36	37	38	---	沖壓用
SGC340	SGH340	245	340	20	20	20	20	20	20	結構用
SGC400	SGH400	295	400	18	18	18	18	18	18	結構用
SGC440	SGH440	335	440	18	18	18	18	18	18	結構用
SGC490	SGH490	365	490	16	16	16	16	16	16	結構用
---	SGH540	400	540				16	16	16	結構用
SGC570		560	570	---	---	---	---	---	---	結構用
ASTM 代號 1999版		最小降伏點 ksi(MPa)	最小抗拉強度 ksi(MPa)	最小伸長率 %						用途
A653(M)-99 CS TYPE A,B,C		---	---	---						一般用
A653(M)-99 FS TYPE A,B		---	---	---						扣鎖成型用
A653(M)-99 DDS		---	---	---						沖壓用
A653(M)-99 SS Grade33(230)		33(230)	45(310)	20						結構用
A653(M)-99 SS Grade37(255)		37(255)	52(360)	18						結構用
A653(M)-99 SS Grade40(275)		40(275)	55(380)	16						結構用
A653(M)-99 SS Grade50(340)		50(340)	65(450)	12						結構用
A653(M)-99 SS Grade80(550)		80(550)	82(570)	---						結構用

備註:ASTM:A653(M) 表公制, 以數字表示 ().

SPECIFICATION**55% Al-Zn ALLOY-COATED STEEL COILS**

A. Size Available

JIS

Product Name Standard JIS	Hot-Dip Galvanized Coils Size Available			
	Skinpass		Without Skinpass	
Specification	Order Width (mm)	Base Material Gauge (mm)	Order Width (mm)	Base Material Gauge (mm)
SGCC	900~940	0.20~1.60	900~940	0.20~1.60
	940~1040	0.23~1.60	940~1040	0.23~1.60
	1040~1100	0.24~1.60	1040~1100	0.24~1.60
	1100~1220	0.25~1.60	1100~1220	0.25~1.60
	1220~1230	0.26~1.60	1220~1230	0.26~1.60
	1230~1250	0.35~1.60	1230~1250	0.35~1.60
				1250~1260 1260~1270
SGC 340	900~1050	0.20~1.60	900~1050	0.20~1.60
	1050~1220	0.28~1.60	1050~1220	0.28~1.60
	1220~1250	0.40~1.60	1220~1250	0.40~1.60
	1250~1260	0.80~1.60	1250~1260	0.80~1.60
SGC 400	900~960	0.28~1.60	900~1100	0.35~1.60
	960~1110	0.35~1.60	1100~1240	0.40~1.60
	1110~1220	0.38~1.60	1240~1260	0.60~1.60
	1220~1240	0.40~1.60	1260~1270	0.70~1.20
	1240~1260	0.60~1.60		
SGC 440	900~920	0.28~1.60	900~920	0.28~1.60
SGC 490	920~1230	0.35~1.60	920~1230	0.35~1.60
	1230~1250	0.40~1.60	1230~1250	0.40~1.60
SGC 570	900~920	0.21~1.60	900~920	0.21~1.60
SGCH	920~940	0.25~1.60	920~940	0.25~1.60
	940~1230	0.28~1.60	940~1230	0.28~1.60
	1230~1250	0.47~1.40	1230~1250	0.47~1.40
SGCD1	900~1250	0.30~1.60	900~1250	0.30~1.60

Coating Mass Z08 , Z10 : 0.30 ~ 1.60 mm
 and Applicative Z12 , Z18 , Z20 , Z22 , Z25 , Z27 : 0.20 ~ 1.60 mm
 Range of Gauge Z35 , Z450 : .40 ~ 1.60 mm⁸
 of Cold-Rolled
 Coils.

Product Name Standard SYSCO	Hot-Dip 55% Al-Zn Alloy-Coated Steel Coils Size Available			
	Skinpass		Without Skinpass	
Specification	Order Width (mm)	Base Material Gauge (mm)	Order Width (mm)	Base Material Gauge (mm)
SGLC	900~920	0.20~1.20	900~920	0.20~1.20
	920~1000	0.22~1.20	920~1010	0.22~1.20
	1000~1200	0.23~1.20	1010~1200	0.23~1.20

	1200~1220	0.25~1.20	1200~1220	0.25~1.20
	1220~1250	0.30~0.80	1220~1250	0.30~1.20
SGL 340	900~1110	0.30~1.20	900~920	0.27~1.20
	1110~1220	0.37~1.20	920~1250	0.30~1.20
SGL 400	900~920	0.32~1.20	900~1250	0.35~1.20
	920~1220	0.35~1.20		
SGL 440	900~1050	0.33~1.20	900~1050	0.33~1.20
SGL 490	1050~1220	0.40~1.20	1050~1250	0.40~1.20
SGL 570	900~914	0.21~1.00	900~914	0.21~1.00
	914~1050	0.23~1.00	914~1050	0.23~1.00
	1050~1220	0.30~1.00	1050~1220	0.30~1.00
SGLD1	900~1250	0.30~1.20	900~1250	0.30~1.20
Coating Mass and Applicative Range of Gauge of Cold-Rolled Coils.	AZ050, AZ070, AZ090, AZ100, AZ120, AZ150, AZ165 : 0.20~1.20mm AZ180 : 0.20 ~ 0.96 mm AZ200 : 0.30 ~ 0.80 mm			

ASTM

Product Name		Hot-Dip Galvanized Coils			
Standard		Size Available			
ASTM (2001 Ed.)		Skinpas		Without Skinpass	
Specification (Metric)	Specification (Imperial)	Order Width(mm)	Base Material Gauge (mm)	Order Width(mm)	Base Material Gauge (mm)
A653M CS	A653 CS	900~940	0.20~1.60	900~940	0.20~1.60
		A653M FS	A653 FS	940~1040	0.23~1.60
		1040~1100	0.24~1.60	1040~1100	0.24~1.60
		1100~1220	0.25~1.60	1100~1220	0.25~1.60
		1220~1230	0.26~1.60	1220~1230	0.26~1.60
		1230~1250	0.35~1.60	1230~1250	0.35~1.60
				1250~1260	0.35~1.22
				1260~1270	0.58~1.22
A653M SS Grade230	A653 SS specGrade33	900~940	0.20~1.60	900~940	0.20~1.60
		940~1040	0.23~1.60	940~1040	0.23~1.60
		1040~1100	0.24~1.60	1040~1100	0.24~1.60
		1100~1220	0.25~1.60	1100~1220	0.25~1.60
		1220~1230	0.26~1.60	1220~1230	0.26~1.60
		1230~1250	0.35~1.60	1230~1250	0.35~1.60
				1250~1260	0.35~1.22
				1260~1270	0.58~1.22
A653M SS Grade255	A653 SS Grade37	900~1050	0.20~1.60	900~1050	0.20~1.60
		1050~1220	0.28~1.60	1050~1220	0.28~1.60
		1220~1250	0.40~1.60	1220~1250	0.40~1.60
		1250~1260	0.80~1.60	1250~1260	0.80~1.60
653M SS Grade275	A653 SS Grade40	900~960	0.28~1.60	900~1100	0.35~1.60
		960~1110	0.35~1.60	1100~1240	0.40~1.60
		1110~1220	0.38~1.60	1240~1260	0.60~1.55
		1220~1240	0.40~1.60	1260~1270	0.70~1.20
		1240~1260	0.60~1.60		
A653M SS Grade340	A653 SS Grade50	900~920	0.28~1.60	900~920	0.28~1.60
		920~1230	0.35~1.60	920~1230	0.35~1.60
		1230~1250	0.40~1.60	1230~1250	0.40~1.60

A653M SS	A653 SS	900~920	0.21~1.60	900~920	0.21~1.20
Grade550	Grade80	920~940	0.25~1.60	920~940	0.25~1.60
		940~1230	0.28~1.60	940~1230	0.28~1.60
		1230~1250	0.47~1.40	1230~1250	0.47~1.40
A653M DDS	A653 DDS	900~1250	0.30~1.60	900~1250	0.30~1.60

Metric:

Z080 : 0.30 ~ 1.60 mm

Coating Mass and Applicative Z120 , Z180 , Z275 : 0.20 ~ 1.60 mm

Range of Gauge of Cold-Rolled Z350 : 0.40 ~ 1.60 mm

Coils.

Imperial:

G40 , G60 , G90 : 0.20 ~ 1.60 mm

G115 : 0.40 ~ 1.60 mm

B.Range of Weight: 40g/m² ~ 200g/m²

C.Surface: Regular spangle, Extra smooth

D.Grade Available: commercial, lock forming, drawing and structural grades

Classified symbol cold-rolled base metal	Yield Point Minimum N/mm ²	Tensile Strength Minimum N/mm ²	Elongation Minimum %					Application
			Nominal Thickness mm (t)					
JIS G3321- 1998			0.25 t<0.4	0.4 t<0.6	0.6 t<1.0	1.0 t<1.6	1.6 t<2.3	
SGLCC	(205)	(270)	(20)	(21)	(24)	(24)	(25)	Commercial
SGLCD	---	270	---	27	31	32	33	Drawing
---	245	340	20	20	20	20	20	Structural
SGLC400	295	400	16	17	18	18	18	Structural
SGLC440	335	440	14	15	16	18	18	Structural
SGLC490	365	490	12	13	14	16	16	Structural
SGLC570	560	570	---	---	---	---	---	Structural
ASTM Designation 1999	Yield Point Minimum ksi(MPa)	Tensile Strength Minimum ksi(MPa)	Elongation Minimum %					Application
A792(M)-99 CS TYPE A,B,C	---	---	---					Commercial
A792(M)-99 FS	---	---	---					Lock Forming
A792(M)-99 DS	---	---	---					Drawing
A792(M)-99 SS Grade33(230)	33(230)	45(310)	20					Structural
A792(M)-99 SS Grade37(255)	37(255)	52(360)	18					Structural
A792(M)-99 SS Grade40(275)	40(275)	55(380)	16					Structural
A792(M)-99 SS Grade50(345)	50(345)	65(450)	12					Structural
A792(M)-99 SS Grade80(550)	80(550)	82(570)	---					Structural

Remark: JIS : ()The values in parentheses in the table are only for informative reference.

ASTM:A792(M) is metric, represented by the number within ().

GALVANIZED STEEL COILS

A.Surface Treatment: Regular Spangle, Mini Spangle, Extra Smooth

1. REGULAR SPANGLE:

Regular spangle is also called normal spangle which is naturally formed without any additional treatment during galvanizing.



2. MINI SPANGLE:

The spangle is restrained and formed as mini spangle by reducing the lead content in the zinc liquid or by blowing the zinc powder from the equipment installed on the zinc pot.



3. EXTRA SMOOTH:

The mini spangle is further skin-passed to produce the extra smooth surface.



B.Grade Available: commercial, lock forming, drawing and structural grades

JIS G3302-1998 Classified symbol		Yield Point Minimum N/mm ²	Tensile Strength Minimum N/mm ²	Elongation Minimum %						Application
cold-rolled base metal	hot-rolled base metal			Nominal Thickness mm (t)						
		0.25 t<0.4	0.4 t<0.6	0.6 t<1.0	1.0 t<1.6	1.6 t<2.5	t 2.5			
SGCC	SGHC	---	---	---	---	---	---	---	---	Commercial
SGCH	---	---	---	---	---	---	---	---	---	Commercial Hard
SGCD1	---	---	270	---	34	36	37	38	---	Drawing
SGC340	SGH340	245	340	20	20	20	20	20	20	Structural
SGC400	SGH400	295	400	18	18	18	18	18	18	Structural
SGC440	SGH440	335	440	18	18	18	18	18	18	Structural
SGC490	SGH490	365	490	16	16	16	16	16	16	Structural
---	SGH540	400	540				16	16	16	Structural
SGC570		560	570	---	---	---	---	---	---	Structural
ASTM Designation 1999		Yield Point Minimum	Tensile Strength Minimum	Elongation Minimum %						Application
		ksi(MPa)	ksi(MPa)							
A653(M)-99 CS TYPE A,B,C		---	---	---						Commercial
A653(M)-99 FS TYPE A,B		---	---	---						Lock Forming
A653(M)-99 DDS		---	---	---						Drawing
A653(M)-99 SS Grade33(230)		33(230)	45(310)	20						Structural
A653(M)-99 SS Grade37(255)		37(255)	52(360)	18						Structural
A653(M)-99 SS Grade40(275)		40(275)	55(380)	16						Structural
A653(M)-99 SS Grade50(340)		50(340)	65(450)	12						Structural
A653(M)-99 SS Grade80(550)		80(550)	82(570)	---						Structural

Remark:ASTM:A653(M) is metric, represented by the number within ().