

2021/2022



Prevent Danger and Ensure Safety



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Hebei Giant Metal Technology Co., Ltd

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Hebei Giant Metal Technology Co., Ltd



Company Introduction

Hebei Giant Metal Technology Co., Ltd (referred to as Giant Fence), Located in the hometown of the Wire Mesh of China-- Anping County, Hebei Province, P. R. China.

Giant Fence was founded in 2014, we determined to make the Giant Fence to be a transnational innovation enterprise, by taking the idea of 'Good Product, Realized Price service' and to the whole shareholding system oriented.

Our main business is the research and develops, produce and sell Wire mesh fence, Intelligent fence, Gabion box, Chain link fence and other kinds of wire mesh products. Our products are mainly used in residential, villas, stadiums, highways, railways, prisons, airports, rivers and other fields. We has passed the quality management system ISO9001 : 2008, environmental management system ISO14001 : 2004, occupational health and safety management system GB / T28001 : 2011. We have exported more than 10 countries and regions, mainly the United States, Russia, Australia, Japan, and France.

Giant Fence adhere to the technical and management model innovation, to meet market competition and customer needs; adhere to the modern production equipment and complete quality control process to ensure that the product delivery and quality; adhere to the "won't send defective", won customers' trust and support.

Vision: Whole partner, get a sense of security from Giant Fence.

Core values: Innovation, sharing, gratitude and win-win situation.

Mission: Prevent danger and ensure safety.

Certification



Workshop



Field Fence Workshop



Razor Barbed Wire Workshop



Welded Wire Mesh Roll Workshop



T/Y Post Wire Workshop



Barbed Wire Workshop



Chain Link Fence Workshop



Hexagonal Wire Mesh Workshop



Loading



Factory Gate



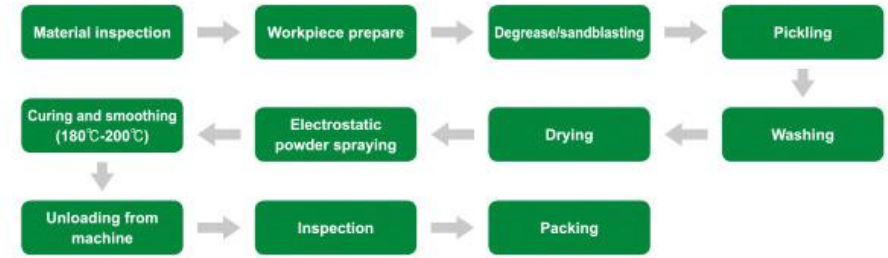
Gabion Workshop

Processing Technic

Hot-Dipped Galvanization



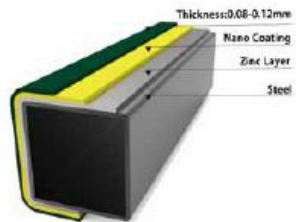
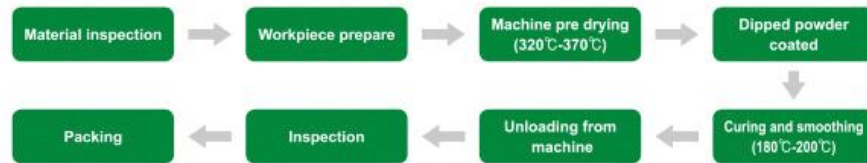
PVC Coating



Production Process



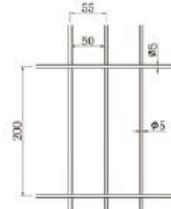
PE Coating



PVC Coating



PE Coating



Mesh Size

Giant Team



Farm Fence

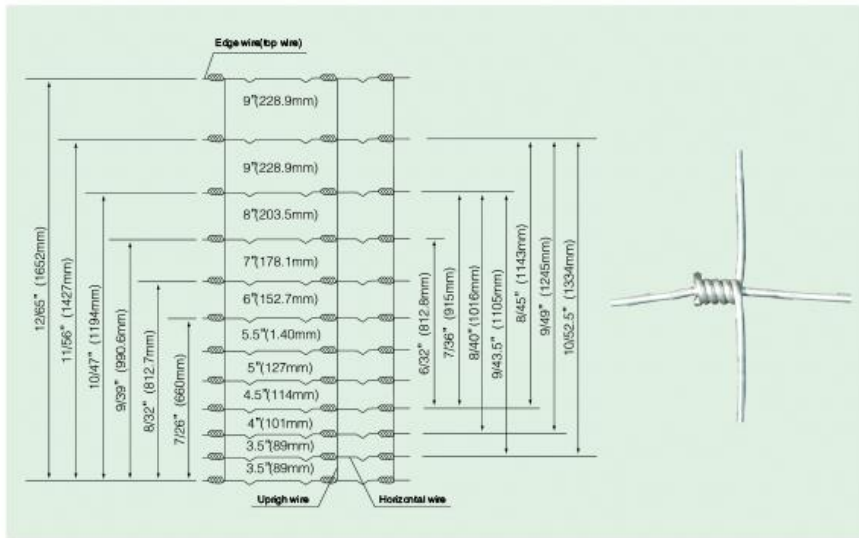


Hinge Joint Fence

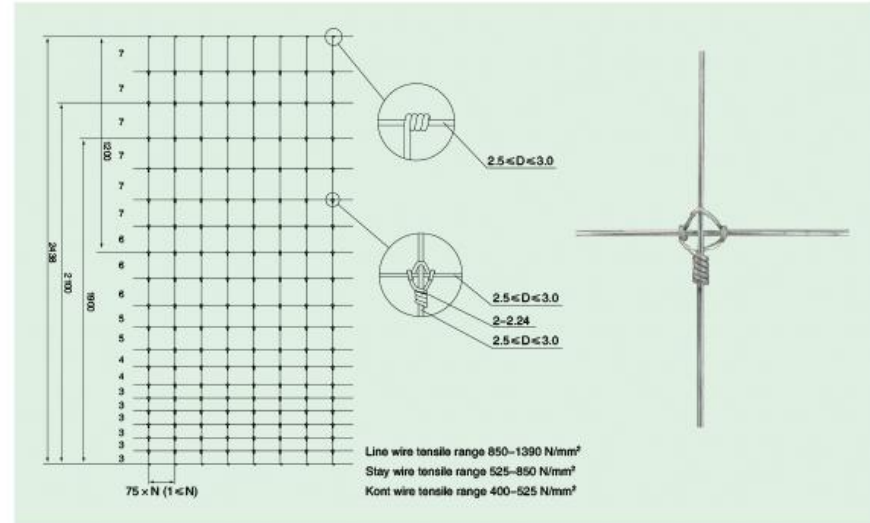


• Specifications						
Num	Specifications and Hole Sizes		Gross Weight kg	Top and Bottom Wire Dia. mm	Inner Wire Dia. mm	Roll Dia. mm
	Type	Specifications (The incremental vertical hole sizes)				
1	7/150/813/50	102+114+127+140+152+178	19.3	2.5	2.0	270
2	8/150/813/50	89 (75)+89+102+114+127+140+152	20.8	2.5	2.0	270
3	8/150/902/50	89+102+114+127+140+152+178	21.6	2.5	2.0	270
4	8/150/1016/50	102+114+127+140+152+178+203	22.6	2.5	2.0	270
5	8/150/1143/50	114+127+140+152+178+203+229	23.6	2.5	2.0	270
6	9/150/991/50	89 (75)+89+102+114+127+140+152+178	23.9	2.5	2.0	270
7	9/150/1245/50	102+114+127+140+152+178+203+229	26.0	2.5	2.0	270
8	10/150/1194/50	89 (75)+89+102+114+127+140+152+178+203	27.3	2.5	2.0	270
9	10/150/1334/50	89+102+114+127+140+152+178+203+229	28.4	2.5	2.0	270
10	11/150/1422/50	89 (75)+89+102+114+127+140+152+178+203+229	30.8	2.5	2.0	270

Note: The first data in type is the No. of line wire; The second data is horizontal hole size (mm);
The third data is the height of the fence (mm); The fourth data is the total length of each roll (m).



Fixed Knot Fence



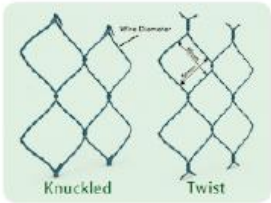
GF137

Chain Link Fence



• Specifications					
Wire Dia.	Material	Hole Size	Roll Height	Roll Length	Edge Woven
2.5mm	Electric galvanized wire	40 × 40mm	1.2m	9m	Knuckled edge Twist edge
3.0mm		50 × 50mm	1.5m	10m	
3.5mm	Hot-dipped galvanized wire	60 × 60mm	1.8m	15m	
4.0mm	Galfan wire	75 × 75mm	2.0m	18m	
4.5mm	PE/PVC coated wire	100 × 100mm	2.4m	20m	
				2.8m	
			3.0m	30m	

Surface Treatment: 1. Hot-dipped galvanized wire woven 2. PE/PVC coated wire woven 3. Stainless wire woven



GF095-1



GF095-2



GF095-3



GF095



Chain Link Fence



GF096



GF097



GF098



GF099




GF100



GF101

Chain Link Fence



• Specifications					
Post View	Post Size	Rails	Thickness	Mesh Height	Post Length
Round Post 	Φ 40	Φ 32	1.5mm	1.2m	1.6m
	Φ 48	Φ 40	1.8mm	1.5m	2.0m
	Φ 60	Φ 48	2.0mm	1.8m	2.3m
	Φ 75		2.5mm	2.0m	2.5m
Angle Iron 	40 x 40mm	40 x 40mm	4.0mm	2.4m	3.0m
	50 x 50mm		5.0mm	2.8m	3.5m
	60 x 60mm		6.0mm	3.0m	3.7m
	70 x 70mm				

Surface Treatment: 1. Pre-galvanized tube 2. Galvanized tube powder coated 3. Hot-dipped galvanized



GF102-1



GF102-2



GF102-3



GF102



Chain Link Fence



GF103



GF104



GF105



GF106



GF107



GF108

Welded Fence Roll



• Specifications

Wire thick	Galvanized: 0.66/0.9/1.0/1.4/1.6/1.8/2.0mm	PVC Coated : 0.66/0.7/0.8/1.0/1.8/2.0mm
Hole size	6.35*6.35mm, 9.5*9.5mm, 12*12mm, 19*19mm, 25*25mm, 25*50mm, 50*100mm, 100*100mm	
Length	15m/18m/20m/25m/30m/35m/40m/50m	
Width	0.9m, 1m, 1.2m, 1.5m, 1.8m, 2m, 2.2m, 2.4m	
Surface treatment	1. Electro galvanized Zinc coating 8-15g/m ² 2. hot dip galvanized Zinc coating 40-60g/m ² 3. PVC coating	



GF224-1



GF224-2



GF224-3



GF224



GF225

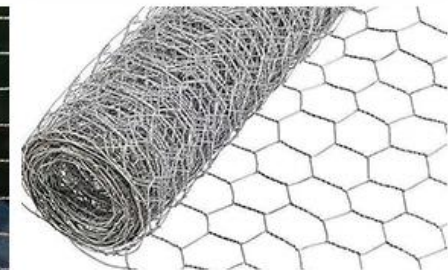


Hexagonal Wire Mesh

Wire diameter	Mesh opening		width	Diameter	Mesh Opening		width
0.7mm	+1.0mm	3/8"	10mm	0.6-1m	0.6-1.0mm	1/2"	13mm
	+1.5mm	1/2"	13mm	0.6-2m	0.6-1.0mm	3/4"	19mm
	+2.0mm	5/8"	16mm		0.7-1.3mm	1"	25mm
	+3.0mm	3/4"	20mm		0.85-1.3mm	1-1/4"	30mm
0.9mm	+3.0mm	1"	25mm	0.3-2m	0.85-1.4mm	1-1/4"	40mm
	+4.0mm	1-1/4"	31mm		1.0-1.4mm	2"	50mm
1.0mm	+5.0mm	1-1/2"	40mm				
	+7.0mm	2-1/2"	65mm				
1.2mm	+6.0mm	2"	50mm				
1.4mm	+8.0mm	3"	75mm	0.6-2m			
1.6mm	+8.0mm	4"	100mm				
Galvanized type				PVC Coated type			



GF226



GF227



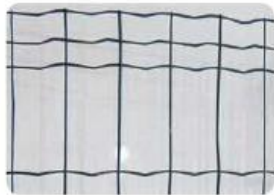
GF228

Euro Fence



• Specifications

Wire Dia.	Mesh Size	Height	Length	Surface Treatment	Post Type
2.0mm	50 × 50mm 50 × 100mm	1000mm	20m 25m 30m	1. Electric galvanized then powder coated 2. Hot dip galvanized then powder coated	Dutch Post Round Post
2.5mm		1200mm			
3.0mm		1500mm			
		1800mm 2000mm			



GF086-1



GF086-2



GF086-3



GF086



Welded Fence Panel

• Specifications

Wire Dia.	3mm, 4mm, 5mm, 6mm	7mm, 8mm, 9mm, 10mm, 11mm, 12mm
Hole Size	25 × 25mm, 50 × 50mm, 50 × 100mm, 75 × 75mm 75 × 150mm, 100 × 100mm, 100 × 200mm	100 × 100mm, 150 × 150mm 200 × 200mm, 100 × 300mm
Length	1.5m, 2m, 2.5m, 2.8m, 3m, 3.6m, 4m, 5m, 5.8m	
Width	1m, 1.2m, 1.5m, 1.8m, 2m, 2.2m, 2.4m	
Surface Treatment	1. Black wire welded 2. Galvanized/Galfan wire welded 3. Hot-dipped galvanized after black wire welded	



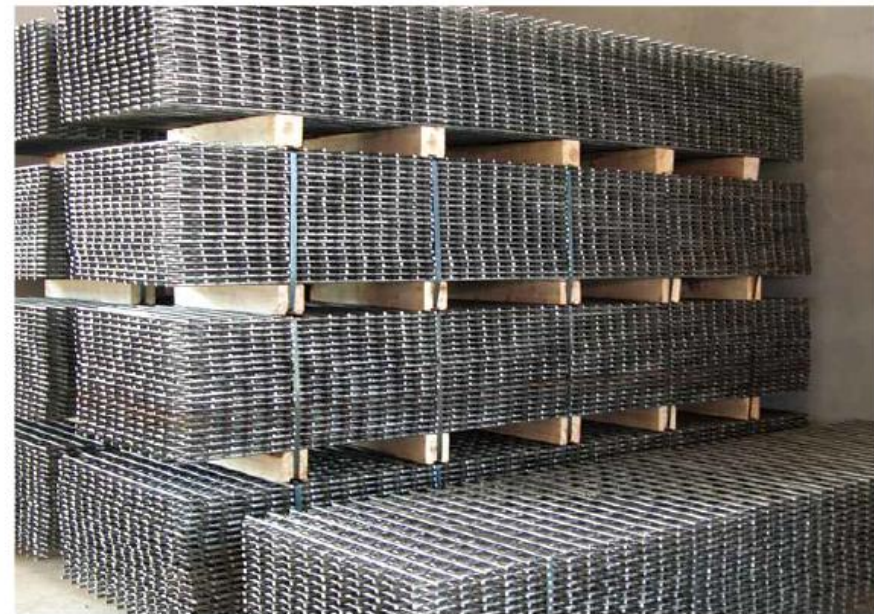
GF087-1



GF087-2



GF087-3



GF087

T Shape Post



"T" Shape Post

Item	Specifications	Length	
T30	30 × 30 × 3.0mm	According to customer's requirement	
T35	35 × 35 × 3.5mm		
T40	40 × 40 × 4.0mm		
T50	50 × 50 × 5.0mm		
T60	60 × 60 × 6.0mm		
T65	65 × 65 × 6.5mm		
T70	70 × 70 × 7.0mm		
T80	80 × 80 × 8.0mm		

GF140

Studded Post

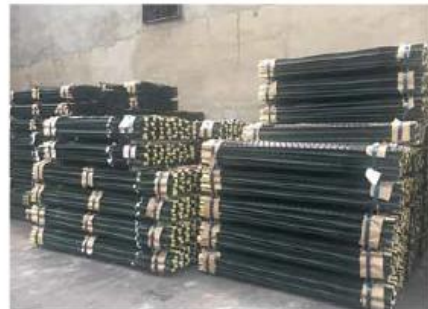
Specifications	Length	Surface Treatment	
0.95 lb/ft 1.25 lb/ft 1.33 lb/ft With plate	5'-8'	Hot dipped galvanized or paint green normal	

This kind of special designed post can be installed with the panels without Clamps and Bolts, with easier installation and wider application.

GF141



GF142




GF143

Y Shape Post



Items	Standard Specifications	Height	Surface Treatment	
"Y" shape post	30 × 30 × 3.0mm 35 × 35 × 3.5mm	1000mm, 1200mm 1500mm, 1750mm 2000mm, 2200mm 2400mm	Galvanized and paint coated Common colors: Black	
	1.32kg/m, 1.46kg/m 1.83kg/m, 1.98kg/m 2.05kg/m, 2.45kg/m	1000mm, 1200mm 1500mm, 1750mm 2000mm, 2200mm 2400mm	Galvanized and paint coated Common colors: Black	

GF144

Item#	Description	Packing	Finish-Available	
STKR12	12' 3/4 Round Stake	Wrapped in cardboard envelop per 10 pieces then on pallets or paking according to customers' request	Painted	
STKR18	18' 3/4 Round Stake			
STKR24	24' 3/4 Round Stake			
STKR30	30' 3/4 Round Stake			
STKR36	36' 3/4 Round Stake			
STKR42	42' 3/4 Round Stake			
STKR48	48' 3/4 Round Stake			
STKR7818	18' 7/8 Round Stake			
STKR7824	24' 7/8 Round Stake			
STKR7830	30' 7/8 Round Stake			
STKR7936	36' 7/8 Round Stake			
STKR7842	42' 7/8 Round Stake			
STKR7848	48' 7/8 Round Stake			
STKSQ12	12' 5/8 Square Stake	Wrapped in cardboard envelop per 10 pieces then on pallets or paking according to customers' request	Painted	
STKSQ18	18' 5/8 Square Stake			
STKSQ24	24' 5/8 Square Stake			
STKSQ30	30' 5/8 Square Stake			
STKSQ36	36' 5/8 Square Stake			
STKSQ42	42' 5/8 Square Stake			
STKSQ48	48' 5/8 Square Stake			

GF145



GF146



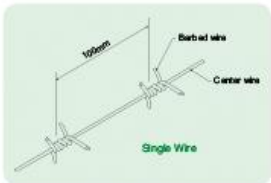
GF147

Barbed Wire

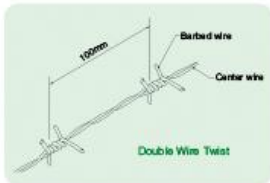


• Specifications				
Type	Wire Gauge (SWG)		Barb Distance	Barb Length
Electric galvanized barbed wire, Hot-dip zinc plating barbed wire	10# × 12#		7.5–15cm	1.5–3cm
	12# × 12#			
	12# × 14#			
	14# × 14#			
	14# × 16#			
PVC coated barbed wire, PE barbed wire	16# × 16#		7.5–15cm	1.5–3cm
	16# × 18#			
	Before coating	After coating		
	1.0mm–3.5mm	1.4mm–4.0mm		
	BWG11#–20#	BWG8#–17#		
	SWG11#–20#	SWG8#–17#		

PVC/PE Coating Thickness: 0.4mm–0.6mm; different colors or length are available at customers request.



GF109-1



GF109-2



GF109-3



GF109

Spike



• Specifications			
Model	Large	Medium	Small
Material	Q235 Plate	Q235 Plate, SS304	Q235 Plate, SS304
Length	1.25m	1.25m	1.25m
Thickness	2.0mm	2.0mm	1.0mm
Barb Length	115mm	95mm	65mm
Barb Spacing	80mm	130mm	75mm
Bottom Width	50mm	45mm	22mm
Weight	1.8kg	0.8kg	0.28kg
Surface	1. Hot dipped galvanized 2. Powder coated	1. Hot dipped galvanized 2. Powder coated	1. Hot dipped galvanized 2. Powder coated



GF110



GF111



GF112



GF113

Razor Barbed Wire



• Specifications						
Reference Number	Blade Style	Thickness mm	Wire Dia. mm	Barb Length mm	Barb Width mm	Barb Spacing mm
BTO-10		0.5 ± 0.05	2.5 ± 0.1	10 ± 1	13 ± 1	26 ± 1
BTO-12		0.5 ± 0.05	2.5 ± 0.1	12 ± 1	13 ± 1	26 ± 1
BTO-18		0.5 ± 0.05	2.5 ± 0.1	18 ± 1	15 ± 1	33 ± 1
BTO-22		0.5 ± 0.05	2.5 ± 0.1	22 ± 1	15 ± 1	37 ± 1
BTO-28		0.5 ± 0.05	2.5 ± 0.1	28 ± 1	15 ± 1	45 ± 1
BTO-30		0.5 ± 0.05	2.5 ± 0.1	30 ± 1	18 ± 1	42 ± 1
CBT-60		0.5 ± 0.05	2.5 ± 0.1	60 ± 2	32 ± 1	100 ± 2
CBT-65		0.5 ± 0.05	2.5 ± 0.1	65 ± 2	21 ± 1	100 ± 2



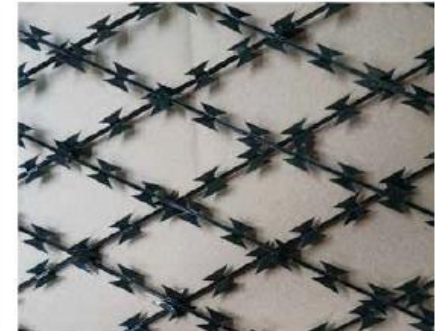
GF114



Razor Barbed Wire



GF115



GF116



GF117



GF118



GF119



GF120

Electric Fence Post



• Specifications

Product name: Electric Fence Post	Color: Black, White, customizable	
length: 104cm, 120cm, 160cm	Material: PP, UV resistant	
Single gross weight: 0.500 kg	Single package size: 110X4X4 cm	
Package Type: Carton box		
Features: Use with turbo wire, UV-stabilized plastic for effective insulation. Designed to work with ALL wire, polywire, polytape and rope electric fences. Sharpened post and step-in for easy insertion in hard ground. Extended step-in fin design provides additional ground stability. Reinforced crimped foot step for increased strength.		

• Product picture:



• Product picture:



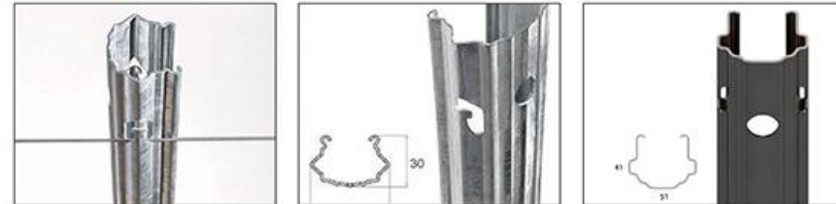
Vineyard Post



• Specifications

Product name: Vineyard post	Color: Galvanized	
length: 4ft, 5ft, 6ft, 7ft, 8ft	Material: Iron steel	
Package Type: Bulk or Palet		
Features: Use with turbo wire, UV-stabilized plastic for effective insulation. Designed to work with ALL wire, polywire, polytape and rope electric fences. Sharpened post and step-in for easy insertion in hard ground. Extended step-in fin design provides additional ground stability. Reinforced crimped foot step for increased strength.		

• Product picture:



• Product picture:



Pigtail Post



• Specifications	
Product name:Pigtail post	Color:Black, White,customizable
length:39", 41"	Material:Iron steel
Single gross eight:0.500 kg	Single package size:110X4X4 cm
Package Type:Carton box	
Features: Use with turbo wire, UV-stabilized plastic for effective insulation/Designed to work with ALL wire, polywire, polytape and rope electric fences/Sharpened post and step-in for easy insertion in hard ground/Extended step-in fin design provides additional ground stability/Reinforced crimped foot step for increased strength	



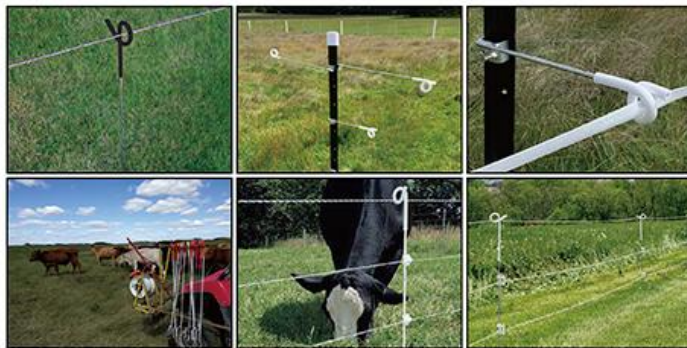
• Product picture:



• Product packaging:



• Scenes to be used



Farm Gate



• Specifications							
Type	Surface Treatment	Hole Size mm	Wire Dia. mm	Brace	Frame Pipe mm	Height mm	Width mm
Wire Filled Farm Gate		200 x 100	4.0	1 Brace 2 Brace N Type I Type	25 x 2.0 32 x 1.5 32 x 2.0 48 x 2.0	900-1800	1160 (4')
		200 x 110	5.0				1460 (5')
		250 x 100					1770 (6')
Pipe Filled Farm Gate	Hot dip galvanized, paint	5, 6, 7	32mm OD				2070 (7')
		Horizontal Pipe	42mm OD				2380 (8')
							2980 (10')
Chain Link Mesh Farm Gate		50 x 50	2.0				3580 (12')
		75 x 75	2.5				4180 (14')
			3.0				4780 (16')



GF148-1



GF148-2



GF148-3



GF148

Cattle Panel



• Specifications	
Panel Length	2.1m, 2.2m, 2.5m, 2.9m, 3.0m, 3.2m, 4.0m
Panel Height	1.6m, 1.7m, 1.8m
Rails Number	4, 5, 6
Link Mode	Lugs and pin
Surface Treatment	1.Pre-galvanized tube welded 2.Hot-dipped galvanized after black tube welded



GF138-1



GF138-2



GF138-3



GF138

Cattle Panel



Vertical Tube		Thickness	Rails		Thickness
Square Pipe	40 x 40mm	1.6mm 1.8mm 2.0mm	Square Pipe	40 x 40mm, 50 x 50mm, 60 x 60mm	1.6mm 1.8mm 2.0mm
	50 x 50mm			Oval Pipe	
60 x 60mm	Round Pipe		32mm, 40mm, 48mm		
Round Pipe		32mm	1.6mm 1.8mm 2.0mm	Round Pipe	32mm, 40mm, 48mm
	40mm				
	48mm				



GF139-1



GF139-2



GF139-3

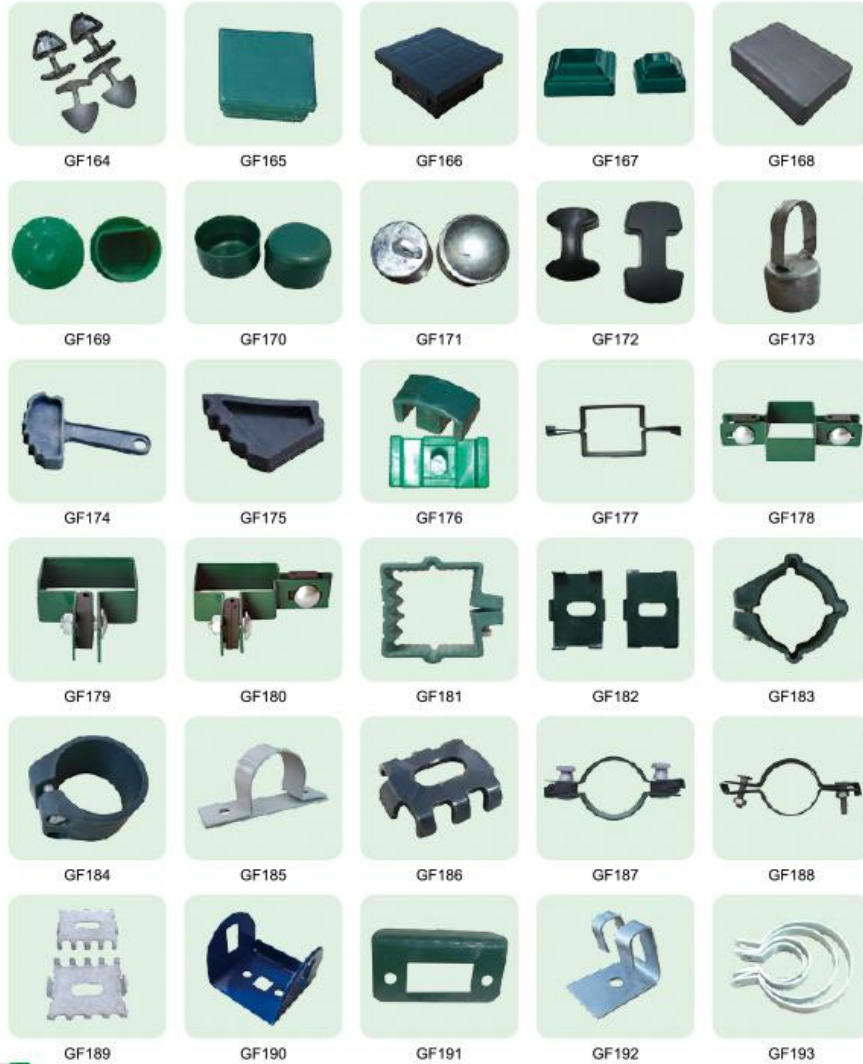


GF139

Fence Accessories



▷ Fittings



Fence Accessories

▷ Fittings



RAL Color Chart

Due to the different printing effect, color will be different with the real color.



RAL 1000 Green Beige		RAL 2008 Bright Red Orange		RAL 4007 Purple Violet	
RAL 1001 Beige		RAL 2009 Traffic Orange		RAL 4008 Signal Violet	
RAL 1002 Sand Yellow		RAL 2010 Signal Orange		RAL 4009 Pastel Violet	
RAL 1003 Signal Yellow		RAL 2011 Deep Orange		RAL 4010 Tele Magenta	
RAL 1004 Golden Yellow		RAL 2012 Salmon Orange		RAL 5000 Violet Blue	
RAL 1005 Honey Yellow		RAL 3000 Flame Red		RAL 5001 Green Blue	
RAL 1006 Maize Yellow		RAL 3001 Signal Red		RAL 5002 Ultramarine	
RAL 1007 Daffodil Yellow		RAL 3002 Carmine Red		RAL 5003 Sapphire Blue	
RAL 1011 Brown Beige		RAL 3003 Ruby Red		RAL 5004 Black Blue	
RAL 1012 Lemon Yellow		RAL 3004 Purple Red		RAL 5005 Signal Blue	
RAL 1013 Oyster White		RAL 3005 Wine Red		RAL 5007 Brilliant Blue	
RAL 1014 Dark Ivory		RAL 3007 Black Red		RAL 5008 Grey Blue	
RAL 1015 Light Ivory		RAL 3009 Oxide Red		RAL 5009 Azure Blue	
RAL 1016 Sulfur Yellow		RAL 3011 Brown Red		RAL 5010 Gentian Blue	
RAL 1017 Saffron Yellow		RAL 3012 Beige Red		RAL 5011 Steel Blue	
RAL 1018 Zinc Yellow		RAL 3013 Tomato Red		RAL 5012 Light Blue	
RAL 1019 Grey Beige		RAL 3014 Antique Pink		RAL 5013 Cobalt Blue	
RAL 1020 Olive Yellow		RAL 3015 Light Pink		RAL 5014 Pigeon Blue	
RAL 1021 Rape Yellow		RAL 3016 Coral Red		RAL 5015 Sky Blue	
RAL 1023 Traffic Yellow		RAL 3017 Rose		RAL 5017 Traffic Blue	
RAL 1024 Ochre Yellow		RAL 3018 Strawberry Red		RAL 5018 Turquoise Blue	
RAL 1027 Curry		RAL 3020 Traffic Red		RAL 5019 Capri Blue	
RAL 1028 Melon Yellow		RAL 3022 Salmon Pink		RAL 5020 Ocean Blue	
RAL 1032 Broom Yellow		RAL 3027 Raspberry Red		RAL 5021 Water Blue	
RAL 1033 Dahlia Yellow		RAL 3031 Orient Red		RAL 5022 Night Blue	
RAL 1034 Pastel Yellow		RAL 4001 Red Lilac		RAL 5023 Distant Blue	
RAL 2000 Yellow Orange		RAL 4002 Red Violet		RAL 5024 Pastel Blue	
RAL 2001 Red Orange		RAL 4003 Heather Violet		RAL 6000 Patina Green	
RAL 2002 Vermilion		RAL 4004 Red Violet		RAL 6001 Emerald Green	
RAL 2003 Pastel Orange		RAL 4005 Blue Lilac		RAL 6002 Leaf Green	
RAL 2004 Pure Orange		RAL 4006 Traffic Purple		RAL 6003 Olive Green	



Due to the different printing effect, color will be different with the real color.

RAL Color Chart

RAL 6004 Brown Green		RAL 7002 Olive Grey		RAL 7044 Silk Grey	
RAL 6005 Moss Green		RAL 7003 Moss Grey		RAL 8000 Green Brown	
RAL 6006 Grey Olive		RAL 7004 Signal Grey		RAL 8001 Ochre Brown	
RAL 6007 Bottle Green		RAL 7005 Mouse Grey		RAL 8002 Signal Brown	
RAL 6008 Brown Green		RAL 7006 Beige Grey		RAL 8003 Clay Brown	
RAL 6009 Fir Green		RAL 7008 Khaki Grey		RAL 8004 Coper Brown	
RAL 6010 Grass Green		RAL 7009 Green Grey		RAL 8007 Fawn Brown	
RAL 6011 Reseda Green		RAL 7010 Tarpaulin Grey		RAL 8008 Olive Brown	
RAL 6012 Black Green		RAL 7011 Iron Grey		RAL 8011 Nut Brown	
RAL 6013 Reed Green		RAL 7012 Basalt Grey		RAL 8012 Red Brown	
RAL 6014 Yellow Olive		RAL 7013 Brown Grey		RAL 8014 Sepia Brown	
RAL 6015 Black Olive		RAL 7015 Slate Grey		RAL 8015 Chestnut Brown	
RAL 6016 Turquoise Green		RAL 7016 Anthracite Grey		RAL 8016 Mahogany Brown	
RAL 6017 May Green		RAL 7021 Black Grey		RAL 8017 Chocolate Brown	
RAL 6018 Yellow Green		RAL 7022 Umber Grey		RAL 8019 Grey Brown	
RAL 6019 Pastel Green		RAL 7023 Concrete Grey		RAL 8022 Black Brown	
RAL 6020 Chrome Green		RAL 7024 Graphite Grey		RAL 8023 Orange Brown	
RAL 6021 Pale Green		RAL 7026 Granite Grey		RAL 8024 Beige Brown	
RAL 6022 Olive Drab		RAL 7030 Stone Grey		RAL 8025 Pale Brown	
RAL 6024 Traffic Green		RAL 7031 Blue Grey		RAL 8028 Terra Brown	
RAL 6025 Fern Green		RAL 7032 Pebble Grey		RAL 9001 Cream	
RAL 6026 Opal Green		RAL 7033 Cement Grey		RAL 9002 Grey White	
RAL 6027 Light Green		RAL 7034 Yellow Grey		RAL 9003 Signal White	
RAL 6028 Pine Green		RAL 7035 Light Grey		RAL 9004 Signal Black	
RAL 6029 Mint Green		RAL 7036 Platinum Grey		RAL 9005 Jet Black	
RAL 6032 Signal Green		RAL 7037 Dusty Grey		RAL 9010 Pure White	
RAL 6033 Mint Turquoise		RAL 7038 Agate Grey		RAL 9011 Graphlack	
RAL 6034 Pastel Turquoise		RAL 7039 Quartz Grey		RAL 9016 Traffic White	
RAL 6035 Pearl Green		RAL 7040 Window Grey		RAL 9017 Traffic Black	
RAL 7000 Squirrel Grey		RAL 7042 Traffic Grey A		RAL 9018 Papyrus White	
RAL 7001 Silver Grey		RAL 7043 Traffic Grey B			

Other Available Color Chart:
1. PANTONE (1650 kinds of colors);
2. FRD (360 kinds of colors).

Common Gauge Size and Diameter Comparison List



Gauge No.	SWG (British System)		BWG (Birmingham)		BG		AWG (American System)	
	inch	mm	inch	mm	inch	mm	inch	mm
7/0	0.5	12.7			0.6666	16.932		
6/0	0.464	11.786			0.625	15.875	0.58	14.732
5/0	0.432	10.973	0.5	12.7	0.5883	14.943	0.5165	13.119
4/0	0.4	10.16	0.454	11.532	0.5416	13.757	0.46	11.684
3/0	0.372	9.449	0.425	10.795	0.5	12.7	0.4096	10.404
2/0	0.348	8.839	0.38	9.625	0.4452	11.308	0.3648	9.266
0	0.324	8.230	0.340	8.639	0.3954	10.069	0.3249	8.252
1	0.300	7.620	0.300	7.620	0.3532	8.971	0.2893	7.348
2	0.276	7.010	0.284	7.214	0.3147	7.993	0.2576	6.544
3	0.252	6.401	0.259	6.579	0.2804	7.122	0.2294	5.827
4	0.232	5.893	0.238	6.045	0.2500	6.350	0.2043	5.189
5	0.212	5.385	0.220	5.588	0.2225	5.652	0.1819	4.621
6	0.192	4.877	0.203	5.156	0.1981	5.032	0.1620	4.115
7	0.176	4.470	0.180	4.572	0.1764	4.481	0.1443	3.665
8	0.160	4.046	0.165	4.191	0.1570	3.988	0.1285	3.264
9	0.144	3.658	0.148	3.759	0.1398	3.551	0.1144	2.906
10	0.128	3.215	0.134	3.404	0.1250	3.175	0.1019	2.588
11	0.116	2.946	0.120	3.048	0.1113	2.827	0.0907	2.305
12	0.104	2.642	0.109	2.769	0.0991	2.517	0.0808	2.053
13	0.092	2.337	0.095	2.413	0.0882	2.240	0.0720	1.828
14	0.080	2.032	0.083	2.108	0.0785	1.994	0.0641	1.628
15	0.072	1.829	0.072	1.829	0.0699	1.775	0.0571	1.450
16	0.064	1.626	0.065	1.651	0.0625	1.588	0.0508	1.291
17	0.056	1.422	0.058	1.473	0.0556	1.412	0.0453	1.150
18	0.048	1.219	0.049	1.245	0.0495	1.257	0.0403	1.024
19	0.040	1.016	0.042	1.067	0.0440	1.118	0.0359	0.912
20	0.036	0.914	0.035	0.889	0.0392	0.996	0.0320	0.812
21	0.032	0.813	0.032	0.813	0.0349	0.887	0.0285	0.723
22	0.0280	0.711	0.028	0.711	0.03125	0.749	0.02535	0.644
23	0.0240	0.610	0.025	0.635	0.02782	0.707	0.02256	0.573
24	0.0220	0.559	0.022	0.559	0.02476	0.629	0.02011	0.511
25	0.0200	0.508	0.020	0.508	0.02204	0.560	0.01791	0.455
26	0.0180	0.457	0.018	0.457	0.01961	0.498	0.01594	0.405
27	0.0164	0.417	0.016	0.406	0.01745	0.443	0.01420	0.361
28	0.0148	0.376	0.014	0.356	0.01562	0.397	0.01264	0.321
29	0.0136	0.345	0.013	0.330	0.01390	0.353	0.01126	0.286
30	0.0124	0.315	0.012	0.305	0.01230	0.312	0.01003	0.255
31	0.0116	0.295	0.010	0.254	0.01100	0.27	0.00893	0.227
32	0.0108	0.274	0.009	0.229	0.00980	0.249	0.00795	0.202
33	0.0100	0.254	0.008	0.203	0.00870	0.221	0.00708	0.180
34	0.0092	0.234	0.007	0.178	0.00770	0.196	0.00630	0.160
35	0.0084	0.213	0.005	0.127	0.00690	0.175	0.00561	0.143
36	0.0076	0.193	0.004	0.102	0.00610	0.155	0.00500	0.127
37	0.0068	0.173			0.00540	0.137	0.00445	0.113
38	0.0060	0.152			0.00480	0.122	0.00396	0.101
39	0.0052	0.132			0.00430	0.109	0.00353	0.090
40	0.0048	0.122			0.00386	0.098	0.00314	0.080
41	0.0044	0.112			0.00343	0.087	0.00280	0.071
42	0.0040	0.102			0.00306	0.078	0.00249	0.063
43	0.0036	0.091			0.00272	0.069	0.00222	0.056
44	0.0032	0.081			0.00242	0.061	0.00198	0.050
45	0.0028	0.071			0.00215	0.055	0.00176	0.048
46	0.0024	0.061			0.00192	0.049	0.00157	0.040
47	0.0020	0.051			0.00170	0.043	0.00140	0.035
48	0.0016	0.041			0.00152	0.039	0.00124	0.032
49	0.0012	0.030			0.00135	0.034	0.00111	0.028
50	0.0010	0.025			0.00120	0.030	0.00099	0.025



Tube Specifications Imperial & Metric Comparison Table

O.D.	Schedule	Wall	I.D.	O.D.	Schedule	Wall	I.D.	O.D.	Schedule	Wall	I.D.
1/8" 10.3mm	10S	1.24	7.80	1-1/2" 48.3mm	5S	1.65	44.96	5" 141.3mm	160	15.88	109.6
	40ST, 40S	1.73	6.83		10S	2.77	42.76		XX	19.05	103.2
	80SX, 80S	2.41	5.46		40ST, 40S	3.68	40.89		5S	2.77	135.8
1/4" 13.7mm	10S	1.65	10.41	2" 60.3mm	10S	1.65	57.02	6" 168.3mm	10S	3.40	134.5
	40ST, 40S	2.24	9.25		160	6.35	33.99		40ST, 40S	6.55	128.2
	80SX, 80S	3.02	7.67		XX	10.16	27.94		80ST, 80S	9.53	122.3
3/8" 17.1mm	10S	1.65	13.84	2-1/2" 73mm	5S	2.11	17.12	8" 219.1mm	5S	2.77	162.7
	40ST, 40S	2.31	12.52		10S	2.77	54.79		10S	3.40	161.5
	80SX, 80S	3.20	10.74		40ST, 40S	3.91	52.50		160	15.88	109.6
1/2" 21.3mm	5S	1.65	18.03	3" 89mm	160	8.74	42.85	8" 219.1mm	XX	19.05	103.2
	10S	2.11	17.12		XX	11.07	38.18		5S	2.77	162.7
	40ST, 40S	2.87	15.80		5S	2.11	68.81		10S	3.40	161.5
3/4" 26.7mm	80SX, 80S	3.91	13.87	3-1/2" 101.6mm	10S	3.05	66.93	8" 219.1mm	80ST, 80S	10.97	146.3
	160	5.56	11.79		40ST, 40S	5.16	62.71		120	14.27	139.7
	XX	7.82	6.40		80SX, 80S	7.01	59.00		160	18.26	136.7
1" 33.4mm	5S	1.65	23.37	4" 114.3mm	160	9.53	53.98	8" 219.1mm	XX	21.95	124.4
	10S	2.11	22.45		XX	14.02	44.98		5S	2.77	213.5
	40ST, 40S	2.87	22.45		5S	2.11	84.68		10S	3.76	211.6
1-1/4" 42.2mm	80SX, 80S	3.91	18.85	4" 114.3mm	10S	3.05	82.80	8" 219.1mm	20	6.35	206.4
	160	5.56	15.54		40ST, 40S	5.49	77.93		30	7.04	205.0
	XX	7.82	11.02		80SX, 80S	7.62	73.66		40ST, 40S	8.18	202.7
1-1/2" 50.8mm	5S	1.65	30.10	4" 114.3mm	160	11.13	66.65	8" 219.1mm	60	10.31	198.5
	10S	2.77	27.86		XX	15.24	58.42		80ST, 80S	12.70	193.7
	40ST, 40S	3.38	26.64		5S	2.11	97.38		100	15.09	188.9
1-3/4" 57.1mm	80ST, 80S	4.55	24.31	4" 114.3mm	10S	3.05	95.50	8" 219.1mm	120	18.26	182.5
	160	6.35	20.70		40ST, 40S	5.74	90.12		110	20.62	177.8
	XX	9.09	15.21		80SX, 80S	8.06	85.45		XX	22.23	174.6
1-1/4" 42.2mm	5S	1.65	38.86	4" 114.3mm	10S	2.77	36.63	8" 219.1mm	160	23.01	173.1
	10S	2.77	36.63		5S	2.11	110.1				
	40ST, 40S	3.56	35.05		10S	3.05	108.2				
1-1/4" 42.2mm	80ST, 80S	4.85	32.46	4" 114.3mm	40ST, 40S	6.02	102.3				
	160	6.35	29.46		80ST, 80S	8.56	97.20				
	XX	9.70	22.76		120	12.7	115.9				

Conversion Tables

长度 Length	1千米(km) = 0.612英里(mile)	1米(m) = 3.281英尺(ft) = 1.094码(yd)	1厘米(cm) = 0.394英寸(in)
	1英里(mile) = 1.609千米(km)	1英尺(ft) = 0.3048米(m)	1英寸(in) = 2.54厘米(cm)
	1海里(n mile) = 1.852千米(km)	1码(yd) = 0.9144米(m)	1英尺(ft) = 12英寸(in)
	1码(yd) = 3英尺(ft)	1英里(mile) = 5280英尺(ft)	1海里(n mile) = 1.1516英里(mile)
质量 Quality	1吨(t) 1000千克(kg) = 2205磅(lb) = 1.102短吨(sh.ton) = 0.934长吨(long.ton)	1千克(kg) = 2.205磅(lb)	1短吨(sh.ton) = 0.907吨(t) = 2000磅(lb)
	1长吨(long.ton) = 1.016吨(t)	1磅(lb) = 0.454千克(kg)	1盎司(oz) = 28.350克(g)
	1吨(t) = 1.102短吨(sh.ton) = 0.934长吨(long.ton)	1磅(lb) = 0.454千克(kg)	1盎司(oz) = 28.350克(g)
	1吨(t) = 1.102短吨(sh.ton) = 0.934长吨(long.ton)	1磅(lb) = 0.454千克(kg)	1盎司(oz) = 28.350克(g)
压力 Pressure	1兆帕(Mpa) = 14.5磅/英寸 ² (psi) = 10.2千克力/厘米 ² (kg/cm ²) = 10巴(bar) = 9.8大气压(atm)	1磅/英寸 ² (psi) = 0.006895兆帕(Mpa) = 0.0703千克力/厘米 ² (kg/cm ²) = 0.0689巴(bar) = 0.068大气压(atm)	1巴(bar) = 1兆帕(Mpa) = 14.503磅/英寸 ² (psi) = 1.0197千克力/厘米 ² (kg/cm ²) = 0.987大气压(atm)
	1大气压(atm) = 0.101325兆帕(Mpa) = 14.696磅/英寸 ² (psi) = 1.0333千克力/厘米 ² (kg/cm ²) = 1.01333巴(bar)		
面积 Area	1平方公里(km ²) = 100公顷(ha) = 247.1英亩(acre) = 0.386平方英里(mile ²)	1平方米(m ²) = 10.764平方英尺(ft ²)	1公亩(acre) = 100平方米(m ²)
	1公顷(ha) = 10000平方米(m ²) = 2.471英亩(acre)	1平方英里(mile ²) = 2.590平方公里(km ²)	1英亩(acre) 0.4047公顷(ha) = 40.47 × 10 ⁻³ 平方公里(km ²) = 4047平方米(m ²)
	1平方英尺(ft ²) = 0.093平方米(m ²)	1平方英寸(in ²) = 6.452平方厘米(cm ²)	1平方码(yd ²) = 0.8361平方米(m ²)
	1立方米(m ³) = 1000升(liter) = 35.315立方英尺(ft ³) = 6.290桶(bbl)	1立方英尺(ft ³) = 0.0283立方米(m ³) = 28.317升(l)	1000立方英尺(ft ³) = 28.317立方米(m ³)
体积 volume	1百万立方英尺(MMcf) = 28317立方米(m ³)	10亿立方英尺(bcf) = 2831.7立方米(m ³)	1万亿立方英尺(tcf) = 283.17亿立方米(m ³)
	1立方英尺(ft ³) = 16.3871立方厘米(cm ³)	1英亩·英尺 = 1234万立方米(m ³)	1桶(bbl) = 0.159立方米(m ³) = 42美加仑
	1美加仑(gal) = 3.785升(l)	1美夸脱(qt) = 0.946升(l)	1美品脱(pt) = 0.473升(l)
	1美吉耳(gil) = 0.118升(l)	1美加仑(gal) = 4.546升(l)	
力 Force	1牛顿(N) = 0.225磅力(lbf) = 0.102千克力(kgf)	1千克力(kgf) = 9.81牛顿(N)	1磅力(lbf) = 4.45牛顿(N)
	1达因(dyn) 10 ⁻⁴ 牛顿(N)		
速度 Speed	1英尺/秒(ft/s) = 0.3048米/秒(m/s)	1英里/秒(mph) = 0.44704米/秒(m/s)	