

2021/2022



Prevent Danger and Ensure Safety



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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



Panel welding



Bending workshop



FE coating



PVC coating



Welding workshop



Prod workshop



Packing



Loading



Factory gate



Cement workshop

Processing Technic

Hot-Dipped Galvanization



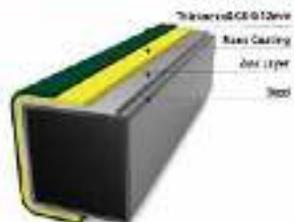
PVC Coating



Production Process



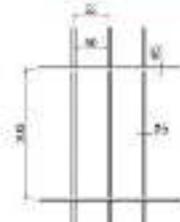
PE Coating



PVC Coating



PE Coating



Mesh Size

Giant Team



Security Fence



358 Fence With I Type Post



| Specifications | | | | | | |
|-------------------------|---------------|--------------|--------------|-------------|----------------|---|
| Line Width / Cross Wire | Post Size | Panel Length | Panel Height | Bending No. | Common Color | Surface Treatment |
| 4.0 x 3.0mm | | 2.0m | 1800mm | 4 | | 1. Hot-dipped galvanized after black zinc welded 2. PVC coated after galvanized wire welded 3. PE coated after galvanized wire welded |
| 4.0 x 4.0mm | | 2.0m | 2000mm | 4 | Green RAL 6005 | |
| 4.0 x 4.0mm | 76.2 x 12.7mm | 2.2m | 2200mm | 4 | Grey RAL 7016 | |
| 4.5 x 3.0mm | 75 x 12mm | 2.0m | 2400mm | 4 | Black RAL 9005 | |
| 4.5 x 4.5mm | | 1.8m | 2600mm | 6 | | |
| | | | 3000mm | 5 | | |



GF019-1



GF019-2



GF019-3



GF019

358 Fence With Square Post



| Specifications | | | | | |
|-----------------|--|--------------|--------------|-------------|--|
| Post Size | Post Size | Panel Length | Panel Height | Post Length | Surface Treatment |
| I Type Post | 64 x 70mm 35 x 70mm | 1.8m | 1830mm | 2400mm | 1. Black type Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | | 2.0m | 2030mm | 2600mm | |
| | | 2.5m | 2230mm | 2800mm | |
| Square Post | 3.0m | 2430mm | 3000mm | | |
| | 50 x 50mm 60 x 60mm 80 x 80mm 100 x 100mm | 2800mm | 3600mm | 3600mm | |



GF023-1



GF023-2



GF023-3



GF023

358 Fence With Flat Bar



• Specifications

| Line Width x Cross Wire | Hook Size | Panel Length | Panel Height | Banding No. | Common Color | Surface Treatment |
|-------------------------|---------------|--------------|--------------|-------------|----------------|---|
| 4.0 x 3.0mm | | 2.0m | 1800mm | 4 | | 1. Hot-dipped galvanized after black wire welded 2. PVC coated after galvanized wire welded 3. PE coated after galvanized wire welded |
| 4.0 x 4.0mm | | 2.0m | 2000mm | 4 | Green RAL 6005 | |
| 4.0 x 4.0mm | 76.2 x 12.7mm | 2.2m | 2200mm | 4 | Grey RAL 7016 | |
| 4.5 x 3.0mm | 75 x 12mm | 2.0m | 2400mm | 4 | Black RAL 9005 | |
| 4.5 x 4.5mm | | 1.0m | 3900mm | 6 | | |
| | | | 3000mm | 5 | | |



GF021-1



GF021-2



GF021-3



GF021

05 Prevent Danger and Ensure Safety

358 Fence With Buckle Plate



• Specifications

| Post Size | Thickness | Panel Height | Panel Length | Flat Bar Thickness | Spike | Surface Treatment |
|-------------|-----------|--------------|--------------|--------------------|-------------|---|
| | | 1800mm | 2400mm | 4.0mm | | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| 60 x 60mm | 1.6mm | 2000mm | 2500mm | 4.5mm | Big type | |
| 60 x 60mm | 2.0mm | 2200mm | 2800mm | 5.0mm | Medium type | |
| 80 x 80mm | 2.5mm | 2400mm | 3000mm | 6.0mm | Small type | |
| 100 x 100mm | 3.0mm | 2600mm | 3500mm | 7.0mm | | |
| | | 3000mm | 3700mm | | | |



GF022-1



GF022-2



GF022-3



GF022

Prevent Danger and Ensure Safety

06

358 Fence With H Type Post



• Specifications

| Horizontal Wire Dia. | Post Size | Panel Length | Panel Height | Common Color | Surface Treatment |
|----------------------|--------------|--------------|--------------|--|---|
| 4mm x 3mm | 76.2x 42.7mm | 2.0m | 1800mm | Green RAL6005 Grey RAL7016 Black RAL9005 | 1. Hot-dipped galvanized after black wire welded 2. PVC coated after galvanized wire welded 3. PE coated after galvanized wire welded |
| 4mm x 4mm | | | 2000mm | | |
| 4.5mm x 4mm | | | 2200mm | | |
| 4.5mm x 4.5mm | | | 2400mm | | |
| | | | 2600mm | | |
| | | 3000mm | | | |



GF023-1



GF023-2



GF023-3



GF023

07 Prevent Danger and Ensure Safety



358 Fence With H Type Post

• Specifications

| Panel Height | Post Length | Post Size | Common Color | Surface Treatment |
|--------------|-------------|-----------------------------------|--|--|
| 1800mm | 2400mm | 100 x 65 x 6mm 150 x 150 x 5mm | Green RAL6005 Grey RAL7016 Black RAL9005 | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| 2000mm | 2600mm | | | |
| 2200mm | 2800mm | | | |
| 2400mm | 3000mm | | | |
| 2600mm | 3200mm | | | |
| 2800mm | 3400mm | | | |
| 3000mm | 3700mm | | | |



GF024-1



GF024-2



GF024-3



GF024

08 Prevent Danger and Ensure Safety



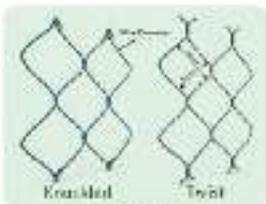
Chain Link Fence



Specifications

| Wire Dia. | Material | Mesh Size | Post Height | Roll Length | Edge Woven |
|-----------|----------------------------|-------------|-------------|-------------|-----------------------------|
| 2.5mm | Electric galvanized wire | 40 x 40mm | 1.2m | 5m | Knuckled edge Tared edge |
| 3.0mm | Electric galvanized wire | 50 x 50mm | 1.5m | 10m | |
| 3.5mm | Hot-dipped galvanized wire | 60 x 60mm | 1.8m | 15m | |
| 4.0mm | Galvan wire | 75 x 75mm | 2.0m | 20m | |
| 4.5mm | Hot-DIP coated wire | 100 x 100mm | 2.4m | 25m | |

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



GF005-1



GF005-2



GF005-3



GF005



Chain Link Fence



GF006



GF007



GF008



GF009



GF100



GF101

Chain Link Fence



| Specifications | | | | | |
|---|-----------|------------------------|-----------|-------------|-------------|
| Post Style | Post Size | Rails | Thickness | Mesh Height | Post Length |
| Round Post  | Ø40 | Ø32 | 1.5mm | 1.2m | 1.8m |
| | Ø48 | Ø40 | 1.8mm | 1.5m | 2.0m |
| | Ø60 | Ø48 | 2.0mm | 1.8m | 2.3m |
| | Ø75 | Ø60 | 2.5mm | 2.0m | 2.5m |
| Angle Iron  | 40 x 40mm | 40 x 40mm 50 x 50mm | 1.0mm | 2.4m | 3.0m |
| | 50 x 50mm | | 1.5mm | 2.8m | 3.5m |
| | 60 x 60mm | | 2.0mm | 3.2m | 4.0m |
| | 75 x 75mm | | 2.5mm | 3.6m | 4.5m |

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 Gabion Box



| Specifications | | | | | | |
|--------------------|--|------------|------------|-----------|-----------|------------|
| Mesh Wire Dia. | Spring Wire Dia. | Hole Size | Box Length | Diaphragm | Box Width | Box Height |
| 3.0mm | | 30 x 50mm | 1.0m | No | | |
| 3.5mm | | 30 x 100mm | 1.5m | No | | 0.3m |
| 4.0mm | 4.0mm | 50 x 100mm | 2.0m | 1 | 0.5m | 0.5m |
| 4.5mm | 4.5mm | 50 x 100mm | 3.0m | 2 | 1.0m | 1.0m |
| 5.0mm | | 75 x 75mm | 4.0m | 3 | 1.5m | 1.5m |
| 6.0mm | | 75 x 150mm | 5.0m | 4 | | |
| Surface Treatment: | 1. PE coated after Galvanized wire welded; 2. Galvan wire welded; 3. Hot-dipped galvanized after black wire welded. | | | | | |



GF121-1



GF121-2



GF121-3



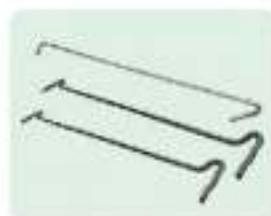
GF121

13 Prevent Damage and Ensure Safety

Gabion Wall



| Specifications | | | | | | | |
|--------------------|--|------------|-------------|------------|-------------|---------------|----------------|
| Mesh Wire Dia. | Link Mode | Hole Size | Wall Length | Wall Width | Wall Height | HU Shape Post | Post Thickness |
| 4.0mm | Spring | 50 x 50mm | 1.0m | 0.1m | 0.3m | | 3mm |
| 4.5mm | C nail | 50 x 100mm | 1.5m | 0.2m | 1.0m | 100 x 50mm | 4mm |
| 5.0mm | Metal clips | 50 x 100mm | 2.0m | 0.2m | 1.3m | 120 x 74mm | 5mm |
| | | 75 x 75mm | 2.5m | 0.3m | 1.6m | | 6mm |
| | | 75 x 150mm | | | 2.0m | | |
| Surface Treatment: | 1. PE coated after galvanized wire welded; 2. Galvan wire welded; 3. Hot-dipped galvanized after black wire welded. | | | | | | |



GF122-1



GF122-2



GF122-3



GF122

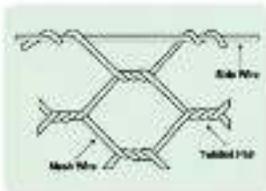
14 Prevent Danger and Ensure Safety

Woven Gabion



| - Specifications | | | | | | | | |
|--------------------|-----------|--------------|----------|-------------|--------|-----------|-------|--------|
| Material | Mesh Wire | Salvage Wire | Tie Wire | Mesh Size | Length | Diaphragm | Width | Height |
| Galvanized wire | 1.8mm | 2.4mm | | | 1.0m | 1/1 | 0.5m | 0.2m |
| | 2.0mm | 2.7mm | 2.0mm | 60 x 60mm | 2.0m | 1 | 1.0m | 0.2m |
| Galvan wire | 2.2mm | 3.0mm | 2.2mm | 80 x 100mm | 3.0m | 2 | 1.5m | 0.5m |
| | 2.4mm | 3.4mm | 2.4mm | 100 x 120mm | 4.0m | 3 | 2.0m | 1.0m |
| PE/PVC coated wire | 2.7mm | 3.6mm | 2.7mm | | 5.0m | 4 | 2.5m | 1.5m |
| | 3.0mm | 4.0mm | | | 6.0m | 5 | 3.0m | |

Extra Tie Wire: 2% Weight of galvanized



GF130-1



GF130-2



GF130-3



GF130



Woven Gabion



GF131



GF132



GF133



GF134



GF135



GF136

Blast Wall



| Specifications | | |
|----------------|-------------|-------------|
| Wire Diameter | Spring Wire | Mesh Size |
| 4.0mm | 4.0mm | 76 x 76mm |
| 4.5mm | 4.5mm | 80 x 100mm |
| 5.0mm | 4.5mm | 100 x 100mm |

Surface Treatment:
 1. Galvanized wire welded
 2. Carbon wire welded
 3. Hot-dipped galvanized after welded

| Specifications | | | |
|----------------|---------------|---------------|--------------|
| Unit | Height | Width | Length |
| N/12B M/12C | 7' (2.13m) | 2' (1.02m) | 92' (28.34m) |
| N/11B M/11C | 3' 3" (1.0m) | 2' 6" (0.76m) | 30' (9.14m) |
| N/10B M/10C | 4' 6" (1.37m) | 2' 0" (0.61m) | 32' (10m) |
| M/9B N/9C | 7' 2" (2.21m) | 7' (2.13m) | 92' (27.74m) |
| M/8B N/8C | 5' 6" (1.68m) | 2' 0" (0.61m) | 10' (3.05m) |
| M/7B N/7C | 2' (0.61m) | 2' 0" (0.61m) | 10' (3.05m) |
| M/6B N/6C | 2' (0.61m) | 5' (1.52m) | 32' (10m) |
| M/5B N/5C | 3' 3" (1.0m) | 3' 3" (1.0m) | 32' (10m) |
| M/4B N/4C | 2' (0.61m) | 2' 0" (0.61m) | 4' (1.27m) |
| M/3B N/3C | 2' (0.61m) | 2' 0" (0.61m) | 10' (3.05m) |
| M/2B N/2C | 4' 6" (1.37m) | 2' 6" (1.02m) | 32' (10m) |
| M/1B N/1C | 7' (2.13m) | 2' 6" (1.02m) | 18' (5.5m) |



GF123



GF121

17 Prevent Damage and Ensure Safety



Blast Wall



GF120



GF126



GF127



GF128



GF129

18 Prevent Damage and Ensure Safety

Tubular Fence



Steel Tubular Fence



Specifications

| Panel Length | Panel Height | Post | Post Thickness | Posts No. | Picket | Picket Distance | Post Size |
|--------------|--------------|-----------|----------------|-----------|-----------------------|-----------------|---------------------------|
| 1.5m | 1200mm | | 1.0mm | | | | |
| 1.8m | 1500mm | 25 x 25mm | 1.2mm | 2pcs | 18 x 18 x 1mm/1.2mm | 100mm | 60 x 60 x 1.5mm/1.8mm/2mm |
| 2.0m | 1800mm | 45 x 40mm | 1.0mm | 3pcs | 18 x 18 x 1.5mm/1.0mm | 125mm | 60 x 60 x 1.5mm/1.8mm/2mm |
| 2.4m | 2000mm | 45 x 45mm | 1.8mm | 4pcs | Ø 16 x 1.2/1.5mm | 140mm | 75 x 75 x 1.5mm/1.8mm/2mm |
| 2.8m | 2100mm | | 2.0mm | | Ø 18 x 1.2/1.5mm | | |
| 3.0m | 2400mm | | 2.5mm | | | | |

Surface Treatment: Powder coated after Hot-dipped galvanized tube welded.



GF070-1



GF070-2



GF070-3



GF070



Prevent Danger and Ensure Safety



Steel Tubular Fence



GF071



GF072



GF073



GF074



GF075



GF076

Prevent Danger and Ensure Safety



Aluminum Tubular Fence



Specifications

| Panel Length | Panel Height | Post | Post Thickness | Posts No. | Picket | Picket Distance | Post Size |
|--------------|--------------|-----------|----------------|-----------|-----------------------|-----------------|---------------------------|
| 1.5m | 1200mm | | 1.0mm | | | | |
| 1.8m | 1500mm | 25 x 25mm | 1.2mm | 2pcs | 18 x 18 x 1mm/1.2mm | 100mm | 60 x 60 x 1.5mm/1.8mm/2mm |
| 2.0m | 1800mm | 25 x 38mm | 1.0mm | 3pcs | 18 x 18 x 1.5mm/1.0mm | 110mm | 60 x 60 x 1.5mm/1.8mm/2mm |
| 2.4m | 2000mm | 38 x 38mm | 1.8mm | 4pcs | Ø 16 x 1.2/1.5mm | | |
| 2.8m | 2100mm | 40 x 40mm | 2.0mm | | Ø 18 x 1.2/1.5mm | 125mm | 75 x 75 x 1.5mm/1.8mm/2mm |
| 3.0m | 2400mm | 45 x 45mm | 2.5mm | | | | |

Surface Treatment: Powder coated or hot-dipped galvanized tube welded



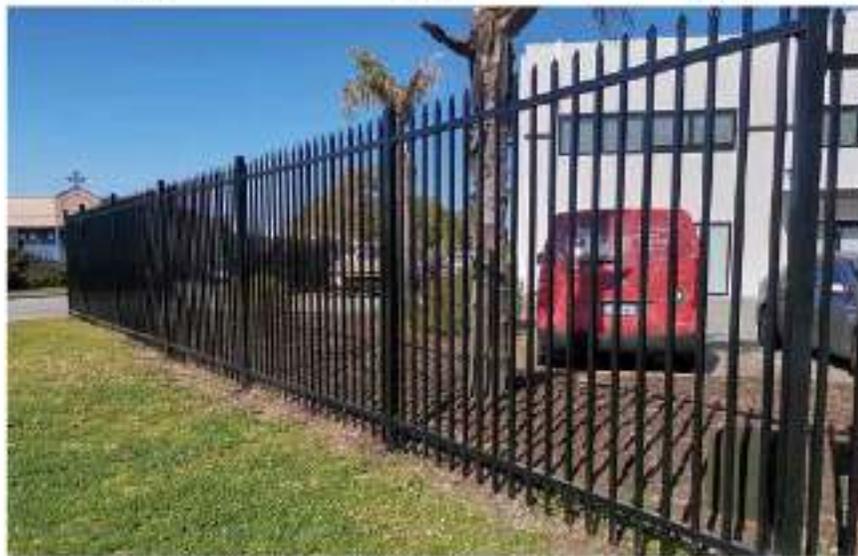
GFC77-1



GFC77-2



GFC77-3



GFC77



Prevent Damage and Ensure Safety



Aluminum Tubular Fence



GFC78



GFC79

Prevent Danger and Ensure Safety



3D Fence



3D Fence With Peach Post



| Specifications | | | | | | |
|--------------------------|-------------|--------------|--------------|-------------|---------------|---|
| Line Width x Cross-Width | Post Size | Panel Length | Panel Height | Banding No. | Common Color | Surface Treatment |
| 4.0 x 4.0mm | | 2.0m | 900mm | 2 | | 1. Hot-dipped galvanized after black wire welded 2. PVC coated after galvanized wire welded 3. PE coated after galvanized wire welded |
| 4.5 x 4.0mm | 50 x 90mm | 2.2m | 1030mm | 2 | Green RAL6005 | |
| 4.5 x 4.5mm | 50 x 90mm | 2.4m | 1230mm | 2 | Grey RAL7015 | |
| 5.0 x 4.0mm | 55 x 90mm | 2.4m | 1830mm | 3 | Brown RAL8019 | |
| 5.0 x 5.0mm | 75 x 130mm | 2.5m | 1830mm | 4 | Black RAL9005 | |
| 6.0 x 5.0mm | 100 x 100mm | 2.8m | 2030mm | 4 | White RAL9010 | |
| 6.0 x 6.0mm | | 3.0m | 2430mm | 4 | | |



GF001-1



GF001-2



GF001-3



GF001

27 Prevent Damage and Ensure Safety

3D Fence With Peach Post



| Specifications | | | | | | |
|----------------|---|-----------|--------------|-----------|-------------|----------------------------|
| Post View | Size | Thickness | Panel Height | Base Post | Normal Post | Surface Treatment |
| | 50 x 70mm 70 x 100mm | 1.2mm | 900mm | 90mm | 1200mm | Galvanized with PVC coated |
| | | | 1030mm | 105mm | 1400mm | |
| | | | 1230mm | 125mm | 1600mm | |
| | | | 1830mm | 185mm | 2000mm | |
| | | | 1830mm | / | 2400mm | |
| | | | 2030mm | / | 2600mm | |
| 2430mm | / | 3000mm | | | | |



GF002-1



GF002-2



GF002-3



GF002

28 Prevent Damage and Ensure Safety

3D Fence With Square Post



Specifications

| Link Width / Cross-Width | Post Size | Panel Length | Panel Height | Banding No. | Common Color | Surface Treatment |
|--------------------------|-------------|--------------|--------------|-------------|---------------|--|
| 4.0 x 4.0mm | | 3.0m | 900mm | 2 | | |
| 4.5 x 4.0mm | 50 x 50mm | 2.0m | 1000mm | 2 | Green RAL6005 | 1. Hot-dipped galvanized after black wire welded |
| 4.5 x 4.5mm | 50 x 200mm | 2.2m | 1200mm | 2 | Grey RAL7015 | 2. PVC coated after galvanized wire welded |
| 5.0 x 4.0mm | 55 x 200mm | 2.4m | 1300mm | 3 | Black RAL9005 | 3. PE coated after galvanized wire welded |
| 5.0 x 5.0mm | 75 x 130mm | 2.5m | 1300mm | 4 | Black RAL9005 | |
| 6.0 x 5.0mm | 100 x 300mm | 2.8m | 2000mm | 4 | White RAL9010 | |
| 6.0 x 6.0mm | | 3.0m | 2000mm | 4 | | |



GF003-1



GF003-2



GF003-3



GF003-4



GF003



Prevent Damage and Ensure Safety

3D Fence With Rectangle Post



Specifications

| Post View | Size | Thickness | Panel Height | Base Post | Normal Post | Surface Treatment |
|---|-----------|-----------|--------------|-----------|-------------|--|
| Square Post  | 40 x 40mm | 1.0mm | 900mm | 900mm | 1200mm | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | 50 x 50mm | 1.1mm | 1000mm | 1000mm | 1400mm | |
| | 60 x 60mm | 1.2mm | 1200mm | 1200mm | 1600mm | |
| Rectangle Post  | 30 x 30mm | 1.0mm | 1500mm | 1500mm | 2000mm | |
| | 40 x 40mm | 1.1mm | 1600mm | / | 2100mm | |
| | 50 x 50mm | 1.2mm | 1800mm | / | 2300mm | |



GF004-1



GF004-2



GF004-3



GF004-4



GF004

Prevent Danger and Ensure Safety



3D Fence With Dutch Post



| Specifications | | | | | | |
|----------------------|-------------|--------------|--------------|-------------|---------------|---|
| Line Wire Cross Wire | Hook Size | Panel Length | Panel Height | Bending No. | Common Color | Surface Treatment |
| 4.0 x 4.0mm | | 2.0m | 900mm | 2 | | 1. Hot-dipped galvanized after black wire welded 2. PVC coated after galvanized wire welded 3. PE coated after galvanized wire welded |
| 4.5 x 4.0mm | 50 x 100mm | 2.2m | 1030mm | 2 | Green RAL6005 | |
| 4.5 x 4.5mm | 50 x 200mm | 2.4m | 1230mm | 2 | Grey RAL7015 | |
| 5.0 x 4.0mm | 55 x 200mm | 2.4m | 1330mm | 3 | Brown RAL8019 | |
| 5.0 x 5.0mm | 75 x 130mm | 2.5m | 1530mm | 4 | Black RAL9005 | |
| 6.0 x 5.0mm | 100 x 300mm | 2.8m | 2030mm | 4 | White RAL9010 | |
| 6.0 x 6.0mm | | 3.0m | 2530mm | 4 | | |
| | | | 2832mm | 4 | | |



GF005-1



GF005-2



GF005-3



GF005



Prevent Danger and Ensure Safety



3D Fence With Round Post

| Specifications | | | | | | |
|---|---|-------------------------|--------------|-----------|-------------|--|
| Post View | Size | Thickness | Panel Height | Base Post | Normal Post | Surface Treatment |
| Dutch Post  | $\Phi 48mm$ $\Phi 62mm$ $\Phi 75mm$ | 1.5mm 1.8mm 2.0mm | 930mm | 950mm | 1200mm | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | | | 1030mm | 1050mm | 1400mm | |
| | | | 1250mm | 1250mm | 1600mm | |
| | | | 1530mm | 1530mm | 2000mm | |
| Round Post  | $\Phi 48mm$ $\Phi 62mm$ $\Phi 75mm$ | 1.5mm 1.8mm 2.0mm | 1530mm | / | 2000mm | |
| | | | 1830mm | / | 2400mm | |
| | | | 2030mm | / | 2500mm | |
| | | | 2530mm | / | 3000mm | |



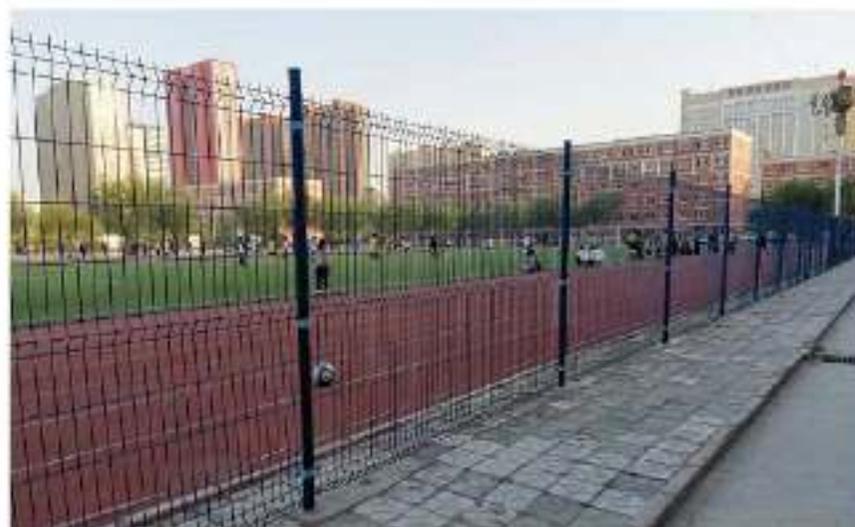
GF006-1



GF006-2



GF006-3



GF006

Prevent Danger and Ensure Safety



3D Fence With CM Post



Specifications

| Line Width / Cross-Width | Post Size | Panel Length | Panel Height | Bending No. | Common Color | Surface Treatment |
|--------------------------|-------------|--------------|--------------|-------------|---------------|---|
| 4.0 x 4.0mm | | 2.0m | 900mm | 2 | | 1. Hot-dipped galvanized after black wire welded 2. PVC coated after galvanized wire welded 3. PE coated after galvanized wire welded |
| 4.5 x 4.0mm | 50 x 100mm | 2.2m | 1030mm | 2 | Green RAL6005 | |
| 4.5 x 4.5mm | 50 x 100mm | 2.4m | 1230mm | 2 | Grey RAL7015 | |
| 5.0 x 4.0mm | 55 x 100mm | 2.4m | 1030mm | 3 | Brown RAL8019 | |
| 5.0 x 5.0mm | 75 x 130mm | 2.5m | 1030mm | 4 | Black RAL9005 | |
| 6.0 x 5.0mm | 100 x 100mm | 2.8m | 1030mm | 4 | White RAL9010 | |
| 6.0 x 6.0mm | | 3.0m | 1030mm | 4 | | |
| | | | 1432mm | 4 | | |



GPC07-1



GPC07-2



GPC07-3



GPC07



3D Fence With I Type Post

Specifications

| Post View | Size | Thickness | Panel Height | Base Post | Normal Post | Surface Treatment |
|-----------------|-------------------------|-----------|--------------|-----------|-------------|--|
| CM Post | 95 x 95mm 85 x 85mm | 1.0mm | 900mm | 950mm | 1200mm | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | | 1.1mm | 1000mm | 1050mm | 1400mm | |
| | | 1.2mm | 1200mm | 1250mm | 1600mm | |
| I Type Post | 44 x 70mm 55 x 100mm | 1.5mm | 1800mm | / | 2400mm | |
| | | 1.6mm | 2000mm | / | 2500mm | |
| | | 2.0mm | 2200mm | / | 2600mm | |
| | | 2.5mm | 2400mm | / | 2800mm | |



GPC08-1



GPC08-2



GPC08-3



GPC08

Single Gate



| Specifications | | | | | | | | | |
|----------------|--------|------------|-----------|-------------|-----------|------------|-------------|------------|----------|
| Width | Height | Frame Pipe | | Post Size | | Mesh Inset | | Tube Inset | |
| | | Size | Thickness | Size | Thickness | Wire Dia. | Hole Size | Pipe Size | Distance |
| 0.9m | 1.0m | | | | | | | | |
| 1.0m | 1.2m | 30 x 30mm | | 50 x 60mm | 1.5mm | 4mm | 50 x 100mm | | |
| 1.0m | 1.5m | 40 x 40mm | 1.0mm | 60 x 60mm | 1.8mm | 4mm | 50 x 200mm | 20 x 20mm | 100mm |
| 1.2m | 1.8m | 40 x 50mm | 1.5mm | 60 x 60mm | 2.0mm | 5mm | 75 x 150mm | 20 x 30mm | 120mm |
| 1.5m | 2.0m | 50 x 50mm | 2.0mm | 60 x 60mm | 2.5mm | 6mm | 75 x 200mm | 20 x 30mm | 140mm |
| 1.8m | 2.2m | 50 x 50mm | | 100 x 100mm | 3.0mm | | 100 x 200mm | | |
| | 2.4m | | | | | | | | |

Surface Treatment

1. Hot-dipped galvanized after black wire and tube welded.
2. Powder coated after galvanized wire and tube welded.



GF003-1

GF009-2

GF005-3

GF009-4



GF008



Prevent Danger and Ensure Safety



Single Gate



GF010

GF011

GF012



GF013

Prevent Danger and Ensure Safety



Double Gate



| Specifications | | | | | | | | | |
|----------------|--------|------------|-----------|-------------|-----------|------------|-------------|------------|----------|
| Width | Height | Frame Pipe | | Post Size | | Mesh Inset | | Tube Inset | |
| | | Size | Thickness | Size | Thickness | Wire Dia. | Hole Size | Pipe Size | Distance |
| 2.0m | 1.0m | 40 x 60mm | 1.5mm | 60 x 60mm | 1.8mm | 4mm | 50 x 100mm | 20 x 20mm | 100mm |
| 3.0m | 1.3m | | | | | | | | |
| 4.0m | 1.6m | 30 x 30mm | 2.0mm | 80 x 80mm | 2.0mm | 5mm | 75 x 150mm | 20 x 30mm | 120mm |
| 6.0m | 2.0m | 60 x 60mm | 2.5mm | 100 x 100mm | 2.5mm | 6mm | 75 x 200mm | 20 x 30mm | 140mm |
| 6.0m | 2.3m | 80 x 80mm | 2.5mm | 100 x 100mm | 3.0mm | 6mm | 100 x 200mm | | |
| | 2.4m | | | | | | | | |

Surface Treatment: 1. Hot-dipped galvanized after black wire and tube welded.
2. Powder coated after galvanized wire and tube welded.



GF014.1



GF014.2



GF014.3



GF011



Prevent Danger and Ensure Safety



Double Gate



GF016



GF016

Prevent Danger and Ensure Safety



Sliding Gate



| Specifications | | | | | | | | | |
|----------------|--------|------------|-----------|-----------|-----------|------------|-------------|-----------|----------|
| Width | Height | Frame Pipe | | Post Size | | Mesh Inset | | Tub Inset | |
| | | Size | Thickness | Size | Thickness | W/m Dia | Hole Size | Pipe Size | Distance |
| 4.0m | 1.8m | 40 x 50mm | 1.5mm | 60 x 60mm | 1.8mm | 40mm | 50 x 100mm | | |
| 4.5m | 2.0m | 50 x 50mm | 2.0mm | 60 x 60mm | 2.1mm | 50mm | 60 x 200mm | 20 x 20mm | 100mm |
| 5.0m | 2.2m | 50 x 50mm | 2.5mm | 60 x 60mm | 2.3mm | 60mm | 75 x 150mm | 20 x 20mm | 120mm |
| 6.0m | 2.4m | 50 x 50mm | 2.5mm | | 2.0mm | 60mm | 75 x 200mm | | 140mm |
| | | | | | | | 100 x 200mm | | |



GF017-1



GF017-2



GF017-3



GF017



Sliding Gate

Sliding driveway gate products offer an efficient entry to your residential or light commercial property. Our sliding gate is a whole system design with gate panel, guide post, bottom wheel, support wheel, pathway. If requires for a electrically operated gate, motor, rack, control box and other all necessary accessories also available. Its flowing lines, simple and beautiful and full of rich modern residential sensual. garden Light, vibration of high-grade. Simple installation, easy maintenance, easy to clean, affordable, eliminating maintenance.

Sliding gates are great for applications with space restrictions. Swing gates require 12" to 14" of room for a gate to swing into your property. Sliding gates run on the back side of a fence line which great for properties that have width but not depth. It can be used to Country house, Park, Farm, Villadom, Industry entrance and so on.



GF018-1



GF018-2



GF018-3



GF018

Temporary Fence



Australia Temporary Fence



Specifications

| Horizontal Wire Dia. | Vertical Wire Dia. | Welded Mesh Hole Size | Chain Link Mesh Hole Size | Panel Length | Panel Height | Frame Tube |
|----------------------|--------------------|--------------------------|---------------------------|--------------|--------------|----------------------------|
| 3mm | 3mm | 50 x 70mm 50 x 100mm | 50 x 50mm 60 x 60mm | 2.2m 2.3m | 1.8m 2.1m | Φ72 x 1.4mm Φ52 x 1.8mm |
| 4mm | 3mm | 65 x 100mm 75 x 150mm | 75 x 75mm 100 x 100mm | 2.4m | | Φ48 x 1.8mm Φ46 x 2.0mm |
| 4mm | 4mm | 100 x 200mm | | | | |

Surface Treatment: 1. Hot-dipped galvanized wire and tube welded 2. PVC coated after galvanized wire and tube welded



GF025-1



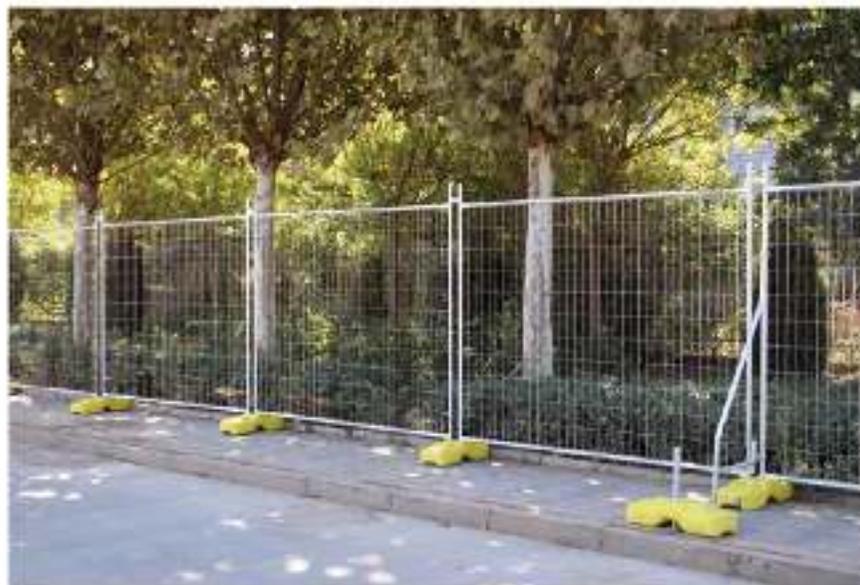
GF025-2



GF025-3



GF025-4



GF025

43 Prevent Damage and Ensure Safety



Australia Temporary Fence



GF026



GF027

44 Prevent Danger and Ensure Safety

Australia Temporary Fence



GF028



Australia Temporary Fence



GF030



GF031



GF029



GF032

Temporary Fence Gate



GF033



GF034



Temporary Fence Gate



GF005-1



GF005-2



GF005-3



GF005-4



GF006

Plastic Feet



GF035

GF037

GF038

GF039

GF040

GF041

GF042

GF043

GF044

GF045

GF046



American Temporary Fence

| Specifications | | | | |
|----------------|---------------------------|--------------|--------------|-------------|
| Wire Dia. | Chain Link Mesh Hole Size | Panel Length | Panel Height | Frame Type |
| 3.0mm | 50x50mm | 2.4m | 1.8m | Q12 x 2.0mm |
| 3.0mm | 60x60mm | 3.0m | 2.0m | Q48 x 1.5mm |
| 4.0mm | 65x65mm | 3.0m | 2.0m | Q48 x 1.8mm |
| 4.0mm | 75x75mm | 3.0m | 2.0m | Q48 x 2.0mm |

Surface Treatment: Hot-dipped galvanized wire and tube welded



GF047-1



GF047-2



GF047-3



GF047

Canada Temporary Fence



| - Specifications | | | | | |
|------------------|-----------------------|--------------|--------------|-----------------|-----------------|
| Wire Dia. | Welded Mesh Hole Size | Panel Length | Panel Height | Frame Tube | Inner Tube |
| | 50 x 50mm | | | 25 x 25 x 1.0mm | |
| 3.0mm x 3.0mm | 50 x 102mm | 2.4m | 1.5m | 25 x 25 x 1.2mm | 20 x 20 x 1.0mm |
| 3.5mm x 3.5mm | 50 x 102mm | 2.6m | 2.0m | 25 x 25 x 1.5mm | 20 x 20 x 1.2mm |
| 4.0mm x 3.0mm | 75 x 150mm | 3m | 2.1m | 25 x 25 x 1.8mm | 20 x 20 x 1.5mm |
| 4.0mm x 4.0mm | 60 x 200mm | 3.6m | | 35 x 35 x 2.0mm | |
| | 100 x 200mm | | | | |

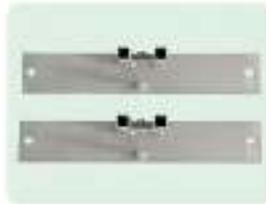
Surface Treatment: 1. Hot-dipped galvanized wire and tube welded; 2. PVC coated after galvanized wire and tube welded; 3. Hot-dipped galvanized after black wire and tube welded.



GF040-1



GF040-2



GF040-3



GF040



Canada Temporary Fence



GF040



GF050



GF050

Crowd Control Barrier



American Crowd Control Barrier



| Specifications | | | | | |
|----------------|--------------|-------------|-------------|---------------------|--|
| Panel Length | Panel Height | Frame Tube | Inner Tube | Inner Tube Distance | Feet |
| 6.5' | 39" | Φ38 × 1.5mm | Φ12 × 1.2mm | 110mm | Flat top: 60 × 580 × 6mm Bridge feet: 67.5 × 90cm |
| 7.0' | 41" | Φ38 × 1.8mm | Φ12 × 1.5mm | 120mm | Length × Width: 67.5 × 90cm |
| 7.5' | 42" | Φ38 × 2.0mm | Φ12 × 1.5mm | 130mm | V shape leaf height: 270mm |
| 8.0' | 43" | Φ38 × 2.0mm | Φ12 × 1.5mm | 140mm | |
| 8.5' | 44" | Φ38 × 2.0mm | Φ12 × 1.5mm | 150mm | |

Surface Treatment: 1. Hot-dipped galvanized wire and tube welded 2. PVC coated after galvanized wire and tube welded 3. Hot-dipped galvanized after black wire and tube welded



GF052-1



GF052-2



GF052-3



GF052

American Crowd Control Barrier



GF053



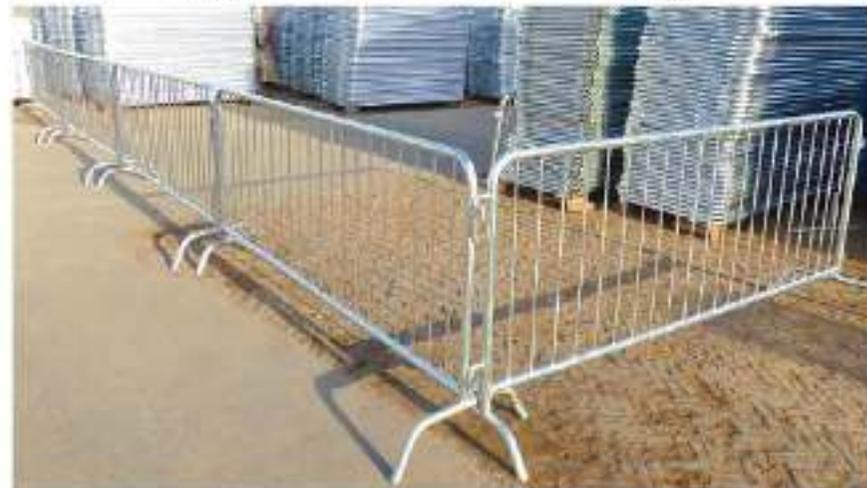
GF054



GF055



GF056



GF057

European Crowd Control Barrier



Specifications

| Panel Length | Panel Height | Frame Tube | Inner Tube | Inner Tube Distance | Feet |
|--------------|--------------|----------------------------|-------------|---------------------|-----------------------------|
| 2.0m | 900mm | Φ38 x 1.5mm | Φ16 x 1.2mm | 110mm | Flat feet: 50 x 50 x 6mm |
| 2.2m | 1000mm | Φ38 x 1.8mm | Φ16 x 1.5mm | 120mm | Bridge feet: 47.5 x 50mm |
| 2.2m | 1100mm | Φ38 x 2.0mm | Steel mat | 130mm | V straps feet height: 270mm |
| 2.5m | 1200mm | Φ48 x 1.5mm Φ48 x 2.0mm | Φ12mm | 150mm | |

Surface Treatment: 1. Hot-dipped galvanized wire and tube welded
2. Hot-dipped galvanized after black wire and tube welded



GF001-1



GF001-2



GF001-3



GF001

European Crowd Control Barrier



GF001



GF001



GF001

Australia Crowd Control Barrier



Specifications

| Panel Length | Panel Height | Frame Tube | Inner Tube | Inner Tube Distance | Feet |
|--------------|--------------|-------------|-------------|---------------------|-----------------------------|
| 1050mm | 900mm | Φ25 x 1.0mm | Φ20 x 1.0mm | 110mm | Flat feet |
| 3000mm | 1000mm | Φ25 x 1.2mm | Φ20 x 1.2mm | 120mm | 50 x 50 x 6 mm |
| 2100mm | 1100mm | Φ25 x 1.6mm | Φ20 x 1.2mm | 150mm | Bridge feet: 47.5 x 60mm |
| 3300mm | 1500mm | Φ25 x 2.0mm | Φ20 x 1.5mm | 190mm | Length x Width: 67.5 x 90cm |

Surface Treatment: 1. Hot-dipped galvanized wire and tube welded 2. PVC coated after galvanized wire and tube welded 3. Hot-dipped galvanized after black wire and tube welded



GP002-1



GP002-2



GP002-3



GP002

Australia Crowd Control Barrier



GP003



GP004

Roll Top Fence



| Specifications | | | | | |
|----------------|------------|--------------|--------------|---------------|--|
| Wire Dia. | Mesh Size | Panel Length | Panel Height | Common Color | Surface Treatment |
| | | | 800mm | | |
| 4.0 x 4.0mm | 50 x 100mm | 2.0m | 1000mm | Green RAL6005 | 1. Hot-dipped galvanized after black wire weld joint |
| 4.5 x 4.0mm | 50 x 200mm | 2.2m | 1200mm | Grey RAL7016 | 2. PVC coated after galvanized wire welded |
| 4.5 x 4.5mm | 55 x 200mm | 2.4m | 1500mm | Brown RAL8019 | 3. PE coated after galvanized wire welded |
| 5.0 x 4.0mm | 75 x 150mm | 2.5m | 1600mm | Black RAL9005 | |
| 6.0 x 5.0mm | 100 x 80mm | 2.6m | 1800mm | White RAL9010 | |



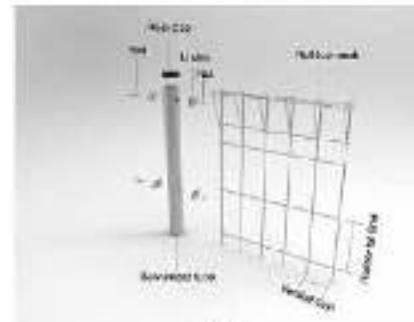
GF000

61 Prevent Danger and Ensure Safety



Roll Top Fence

| Specifications | | | | | | |
|-----------------|-----------|----------------------------------|--------------|-----------|-------------|--|
| Post View | Size | Thickness | Panel Height | Base Post | Normal Post | Surface Treatment |
| Square Post | 40 x 40mm | 1.5mm 1.8mm 2.0mm 2.5mm | 800mm | 660mm | 1200mm | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | 50 x 50mm | | 1000mm | 1050mm | 1400mm | |
| | 60 x 60mm | | 1200mm | 1200mm | 1600mm | |
| Round Post | Φ48mm | 1500mm | 1500mm | 2000mm | | |
| | Φ60mm | 1800mm | / | 2400mm | | |
| | Φ75mm | 2000mm | / | 2800mm | | |



GF001



GF002



GF003



GF004

62 Prevent Danger and Ensure Safety

Palisade Fence



| Specifications | | | | | | |
|----------------|-------------------|-------------------|----------------------|--------|---------------|--------------------------|
| Pale Section | Thickness of Pale | Standard Pale Pos | Standard Fence Width | Height | Angle Rail | Surface Treatment |
| 10' Section | 2.0mm | 17 Pales | 2.7m | 1800mm | 40 x 40 x 4mm | 1. Hot-dipped galvanized |
| | 2.5mm | | | 2000mm | | |
| | 3.0mm | | | 2100mm | | |
| 12' Section | 2.5mm | | | 2400mm | | |
| | 3.0mm | | | 2400mm | | |
| | 3.5mm | | | 3000mm | | |



GF00-1



GF00-2



GF00-3



GF00



Prevent Danger and Ensure Safety

Palisade Fence

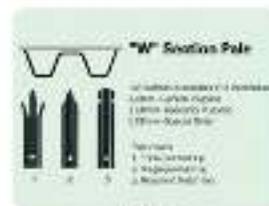


| Specifications | | | | | |
|---|---------------------------------------|-----------|----------------------------|----------------------------|---|
| Post View | Post Size | Thickness | Pale Height | Post Height | Link Mode |
| H Post  | 65 x 100mm 75 x 100mm | 5.0mm | 1000mm 2000mm 2700mm | 2400mm 2600mm 2700mm |  |
| | | 6.0mm | | | |
| | | 8.0mm | | | |
| Square Post  | 60 x 60mm 80 x 80mm 100 x 100mm | 2.0mm | 2400mm 3000mm 4000mm | 2400mm 3000mm 4000mm |  |
| | | 2.5mm | | | |
| | | 3.0mm | | | |
| | | 3.5mm | | | |

Surface Treatment: 1. Hot-dipped galvanized 2. Powder coated



GF01-1



GF01-2



GF01-3



GF01

Prevent Danger and Ensure Safety



Decofor Panel Fence



| • Specifications | | | | |
|-------------------|-------------|---|--------|---------------|
| Wire Dia. | Hole Size | Length | Height | No. of Ribs/g |
| | | | 1500mm | 3 |
| 545mm | 90 x 200mm | 3000mm | 1800mm | 4 |
| 856mm | 75 x 150mm | 2300mm | 2000mm | 4 |
| | | | 2300mm | 5 |
| 846mm | 100 x 200mm | 3000mm | 2400mm | 5 |
| | | | 2800mm | 6 |
| Surface Treatment | | 1. Hot dipped galvanized after black wire welded 2. Powder coated after galvanized wire welded 3. Powder coated after black wire welded | | |



GF004-1



GF004-2



GF004-3



GF004

Double Horizontal Wire Fence



| • Specifications | | | | | |
|---|--------|-----------|--------------|-------------|--|
| Post View | Size | Thickness | Panel Height | Post Length | Surface Treatment |
| Square Post  | 40 Dmm | 1.0mm | 1500mm | 2000mm | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | 50 Dmm | 1.1mm | | | |
| | 60 Dmm | 1.2mm | | | |
| Rectangular Post  | 30 Dmm | 1.5mm | | | |
| | 40 Dmm | 1.8mm | | | |
| | 60 Dmm | 2.0mm | | | |
| Round Post  | 50 Dmm | 2.0mm | 2300mm | 2800mm | |
| | 60 Dmm | 2.5mm | 2400mm | 3000mm | |
| | 70 Dmm | 1.0mm | 2800mm | 3400mm | |



GF005-1



GF005-2



GF005-3



GF005

Edge Protection Fence



• Specifications

| Wire Diameter | Mesh Size | Length | Height | Round Post | Square Post |
|---------------|------------|--------|--------|------------|---------------|
| 5mm x 4mm | 75 x 75mm | 1.5m | 1.3m | 48 x 2mm | 50 x 50 x 2mm |
| 5mm x 5mm | 50 x 100mm | 2.0m | 1.4m | 60 x 2mm | 60 x 60 x 2mm |
| 5mm x 6mm | 50 x 200mm | 2.5m | 1.5m | 60 x 2mm | 60 x 60 x 2mm |
| 5mm x 6mm | 50 x 200mm | 3.0m | 1.5m | | |



GF005-1



GF005-2



GF005-3



GF005

67

Prevent Danger and Ensure Safety

Edge Protection Fence



• Specifications

| Wire Diameter | Mesh Size | Length | Height | Bending Degree | Round Post |
|---------------|------------|--------|--------|----------------|------------|
| 5mm x 4mm | 75 x 75mm | 1.5m | 1.2m | 90° | 48 x 2mm |
| 5mm x 5mm | 50 x 100mm | 2.0m | 1.3m | 90° | 60 x 2mm |
| 5mm x 5mm | 50 x 200mm | 2.5m | 1.4m | 120° | 60 x 2mm |
| 5mm x 5mm | 75 x 150mm | 3.0m | 1.5m | | |



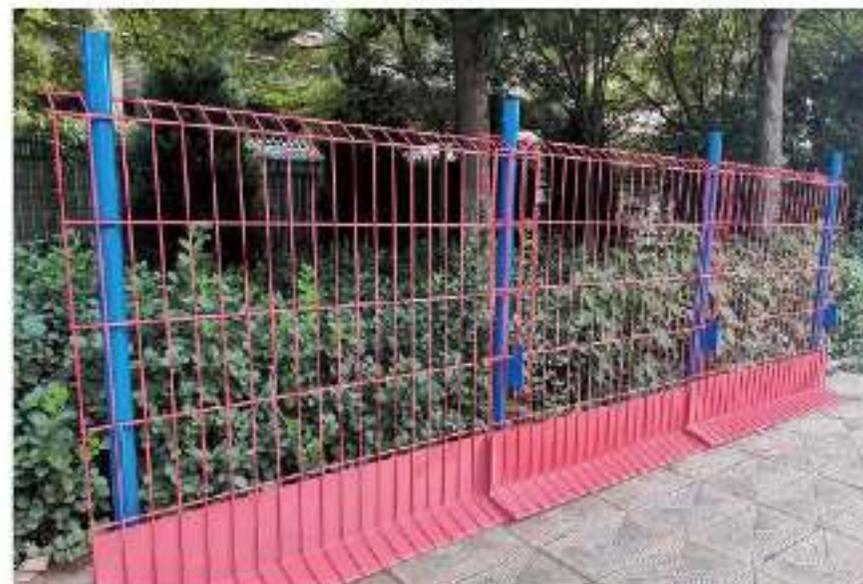
GF006-1



GF006-2



GF006-3



GF006

Prevent Danger and Ensure Safety

68

Fall Protection Fence



| Specifications | | | | | | | |
|----------------|-----------|--------|-----------|-----------|-----------|-----------|--------|
| Height | Posts No. | Length | Rail Tube | Thickness | Post | Thickness | Color |
| 0.9m | | 2.0m | | 1.2mm | | | |
| 1.1m | 2 rails | 2.2m | Ø48 | 1.5mm | 50 x 50mm | 1.0mm | Yellow |
| 1.3m | 3 rails | 2.4m | 50 x 50mm | 1.8mm | 60 x 60mm | 1.8mm | Orange |
| 1.5m | | 3.0m | | 2.0mm | | 2.0mm | Red |

Fall protection fence also named edge protection fence, it is fully used in construction under building to protect people. Components are robust and are painted or Galvalume finished for a long life and exposure to extreme weather climates. The use of Systemized Temporary Edge Protection Fence makes a significant contribution to the reduction of falls on site due to ease of use, increased safety and compliance to EN 13374.



GF067-1



GF067-2



GF067-3



GF067



Fall Protection Fence



GF068



GF068

Airport Fence



| Specifications | | | | | | |
|------------------------|-------------|--------------|--------------|-------------|---------------|--|
| Line Wire x Cross Wire | Hook Size | Panel Length | Panel Height | Bending No. | Coating Color | Surface Treatment |
| 4.5 x 4.5mm | 50 x 100mm | 2.0m | 1830mm | 4 | Green RAL6005 | 1. Hot-dipped galvanized after black wire welded |
| 5.0 x 4.0mm | 50 x 200mm | 2.2m | 2030mm | 6 | Grey RAL7016 | 2. PVC coated after galvanized wire welded |
| 5.0 x 5.0mm | 65 x 200mm | 2.5m | 2230mm | 4 | Black R4-300B | 3. PE coated after galvanized wire welded |
| 6.0 x 5.0mm | 100 x 300mm | 3.0m | 2430mm | 4 | White R4-301B | 4. PVC coated after galvanized wire welded |



GF002-1



GF002-2



GF002-3



GF002

Airport Fence



| Specifications | | | | | | |
|---|-----------|-----------|--------------|--------------|------------|--|
| Post Type | Size | Thickness | Panel Height | Panel Length | Arm Length | Surface Treatment |
|  Double arm post | 50 x 50mm | 1.8mm | 1530mm | 2400mm | 900mm | 1. Black tube Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | 60 x 60mm | 2.0mm | 2030mm | 2900mm | 450mm | |
| | 60 x 60mm | 2.5mm | 2230mm | 2900mm | 900mm | |
| | 80 x 80mm | 3.0mm | 2430mm | 3200mm | 950mm | |



GF003-1



GF003-2



GF003-3



GF003

Double Circle Fence



Specifications

| Wire Dia. | Mesh Size | Panel Length | Panel Height | Bending No. | Coating Code | Surface Treatment |
|-----------|------------|--------------|--------------|-------------|---------------|---|
| 4.5mm | 50 x 100mm | 2.0m | 1850mm | 2 | Green PAL500 | 1. Hot-dipped galvanized after black zinc welded |
| 4.5mm | 50 x 200mm | 2.0m | 1200mm | 2 | Gray PAL 7016 | |
| 5.0mm | 50 x 200mm | 2.4m | 1530mm | 3 | Brown PAL5019 | |
| 4.0mm | 75 x 150mm | 2.5m | 1600mm | 4 | Black PAL9002 | |
| | | | 2000mm | 4 | White PAL9010 | 2. PVC coated after galvanized wire welded |



GF088-1



GF088-2



GF088-3



GF088

73 Prevent Danger and Ensure Safety



Double Circle Fence

Specifications

| Post View | Size | Thickness | Panel Height | Base Post | Normal Post | Surface Treatment |
|-------------|-----------|-----------|--------------|-----------|-------------|--|
| Square Post | 40 x 40mm | 1.2mm | 800mm | 60mm | 120mm | 1. Black zinc Hot-dipped galvanized 2. Galvanized tube PVC coated |
| | 50 x 50mm | | 1050mm | 105mm | 140mm | |
| | 60 x 60mm | | 1300mm | 120mm | 160mm | |
| Round Post | φ48mm | 1.8mm | 1150mm | 150mm | 200mm | |
| | φ60mm | 2.0mm | 1400mm | / | 240mm | |
| | φ75mm | 2.5mm | 2000mm | / | 290mm | |



GF089-1



GF089-2



GF089-3



GF089

74 Prevent Danger and Ensure Safety

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 Cream Beige | RAL 2000 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 Porch Violet |
| RAL 1003 Signal Yellow | RAL 2011 Deep Orange | RAL 4011 Teal Magenta |
| RAL 1004 Ochre Yellow | RAL 2012 Salmon Orange | RAL 5003 Violet Blue |
| RAL 1005 Honey Yellow | RAL 3000 Flame Red | RAL 5001 Green Blue |
| RAL 1006 Major Yellow | RAL 3001 Signal Red | RAL 5002 Ultramarine |
| RAL 1007 Dark Yellow | RAL 3007 Carmine Red | RAL 5004 Sapphire Blue |
| RAL 1011 Brown Beige | RAL 3005 Ruby Red | RAL 6004 Rock Blue |
| RAL 1012 Lemon Yellow | RAL 3004 Purple Red | RAL 6005 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 Azuro Blue |
| RAL 1018 Sulfur Yellow | RAL 3011 Brown Red | RAL 6013 Gentian Blue |
| RAL 1017 Saffron Yellow | RAL 3012 Beige Red | RAL 6011 Skat Blue |
| RAL 1018 Zinc Yellow | RAL 3013 Tomato Red | RAL 5012 Light Blue |
| RAL 1019 Gray Beige | RAL 3014 Arrow Pink | RAL 5013 Cobalt Blue |
| RAL 1020 Olive Yellow | RAL 3015 Light Pink | RAL 6014 Pigment Blue |
| RAL 1021 Rape Yellow | RAL 3016 Coral Red | RAL 6015 Sky Blue |
| RAL 1022 Traffic Yellow | RAL 3017 Rose | RAL 5017 Turb. 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 Mellow Yellow | RAL 3022 Salmon Pink | RAL 6023 Ocean Blue |
| RAL 1032 Mellow Yellow | RAL 3027 Raspberry Red | RAL 6021 Water Blue |
| RAL 1033 Delta Yellow | RAL 3021 Cherry Red | RAL 5022 Night Blue |
| RAL 1004 Pastel Yellow | RAL 4001 Red Lilac | RAL 5023 Emerald Blue |
| RAL 2000 Yellow Orange | RAL 4002 Red Violet | RAL 5024 Porphy Blue |
| RAL 2001 Red Orange | RAL 4003 Leather Violet | RAL 6020 Porphy 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 7332 Olive Grey | RAL 7044 Silk Grey |
| RAL 6005 Moss Green | RAL 7333 Moss Grey | RAL 9000 Green Brown |
| RAL 6006 Grey Olive | RAL 7334 Signal Grey | RAL 9001 Ochre Brown |
| RAL 6007 Herb Green | RAL 7335 Mute Grey | RAL 9002 Signal Brown |
| RAL 6008 Brown Green | RAL 7336 Beige Grey | RAL 9003 Clay Brown |
| RAL 6009 IV Green | RAL 7338 Khaki Grey | RAL 9004 Copper Brown |
| RAL 6010 Green Green | RAL 7339 Green Grey | RAL 9007 Fawn Brown |
| RAL 6011 Ravenna Green | RAL 7310 Turquoise Grey | RAL 9008 Olive Brown |
| RAL 6012 Black Green | RAL 7311 Iron Grey | RAL 9011 Nut Brown |
| RAL 6013 Road Green | RAL 7312 Basalt Grey | RAL 9012 Red Brown |
| RAL 6014 Yellow Olive | RAL 7313 Brown Grey | RAL 9014 Sepia Brown |
| RAL 6015 Black Olive | RAL 7315 Slate Grey | RAL 9015 Chestnut Brown |
| RAL 6016 Turquoise Green | RAL 7316 Anthracite Grey | RAL 9016 Mahogany Brown |
| RAL 6017 May Green | RAL 7321 Black Grey | RAL 9017 Chocolate Brown |
| RAL 6018 Yellow Green | RAL 7322 Inkjet Grey | RAL 9018 Gray Brown |
| RAL 6019 Pastel Green | RAL 7323 Concrete Grey | RAL 9022 Black Brown |
| RAL 6020 Chrome Green | RAL 7324 Graphite Grey | RAL 9023 Orange Brown |
| RAL 6021 Past Green | RAL 7326 Gunmetal Grey | RAL 9024 Beige Brown |
| RAL 6022 Olive Olive | RAL 7330 Stone Grey | RAL 9025 Pale Brown |
| RAL 6024 Traffic Green | RAL 7331 Blue Grey | RAL 9026 Terra Brown |
| RAL 6025 Fern Green | RAL 7332 Pebble Grey | RAL 9001 Cream |
| RAL 6026 Opal Green | RAL 7333 Desert Grey | RAL 9002 Grey White |
| RAL 6027 Light Green | RAL 7334 Yellow Grey | RAL 9003 Signal White |
| RAL 6028 Hay Green | RAL 7335 Light Grey | RAL 9004 Signal Black |
| RAL 6029 Mint Green | RAL 7336 Platinum Grey | RAL 9005 Jet Black |
| RAL 6030 Signal Green | RAL 7337 Dusty Grey | RAL 9010 Pure White |
| RAL 6031 Mint Turquoise | RAL 7338 Aqua Grey | RAL 9011 Graphite |
| RAL 6034 Pastel Turquoise | RAL 7339 Quartz Grey | RAL 9016 Traffic White |
| RAL 6035 Pearl Green | RAL 7340 Window Grey | RAL 9017 Traffic Black |
| RAL 7000 Squirrel Grey | RAL 7342 Traffic Grey A | RAL 9018 Paper White |
| RAL 7001 Silver Grey | RAL 7343 Traffic Grey B | |

Color Analysis Color Chart
1. 19931186-0810 (code of color)
2. 19931186-0810 (code of color)

Common Gauge Size and Diameter Comparison List



| Gauge No. | SWG (British Standard) | | BSW (British Standard) | | SI | | ANSI (American Standard) | |
|-----------|------------------------|---------|------------------------|---------|-------|---------|--------------------------|---------|
| | mm | mm | mm | mm | mm | mm | mm | mm |
| 70 | 0.5 | 12.7 | | | 0.889 | 22.52 | | |
| 80 | 0.864 | 21.798 | | | 0.925 | 23.578 | 0.98 | 24.927 |
| 90 | 1.02 | 25.912 | 1.1 | 27.7 | 1.000 | 25.400 | 1.143 | 29.134 |
| 100 | 1.1 | 27.94 | 1.25 | 31.75 | 1.191 | 30.257 | 1.27 | 32.263 |
| 110 | 1.27 | 32.254 | 1.405 | 35.685 | 1.27 | 32.257 | 1.397 | 35.479 |
| 120 | 1.397 | 35.479 | 1.575 | 39.952 | 1.397 | 35.479 | 1.524 | 38.806 |
| 130 | 1.524 | 38.806 | 1.752 | 44.252 | 1.524 | 38.806 | 1.676 | 42.554 |
| 140 | 1.651 | 41.803 | 1.930 | 49.030 | 1.651 | 41.803 | 1.841 | 46.741 |
| 150 | 1.778 | 45.178 | 2.108 | 53.808 | 1.778 | 45.178 | 2.018 | 51.270 |
| 160 | 1.905 | 48.553 | 2.286 | 58.586 | 1.905 | 48.553 | 2.203 | 56.019 |
| 170 | 2.032 | 51.928 | 2.464 | 63.364 | 2.032 | 51.928 | 2.398 | 60.768 |
| 180 | 2.159 | 55.303 | 2.642 | 68.142 | 2.159 | 55.303 | 2.603 | 66.517 |
| 190 | 2.286 | 58.678 | 2.820 | 72.920 | 2.286 | 58.678 | 2.818 | 72.266 |
| 200 | 2.413 | 62.053 | 3.000 | 77.698 | 2.413 | 62.053 | 3.043 | 78.017 |
| 210 | 2.540 | 65.428 | 3.178 | 82.476 | 2.540 | 65.428 | 3.278 | 83.768 |
| 220 | 2.667 | 68.803 | 3.356 | 87.254 | 2.667 | 68.803 | 3.533 | 89.519 |
| 230 | 2.794 | 72.178 | 3.534 | 92.032 | 2.794 | 72.178 | 3.808 | 97.294 |
| 240 | 2.921 | 75.553 | 3.712 | 96.810 | 2.921 | 75.553 | 4.103 | 105.069 |
| 250 | 3.048 | 78.928 | 3.890 | 101.588 | 3.048 | 78.928 | 4.418 | 112.844 |
| 260 | 3.175 | 82.303 | 4.068 | 106.366 | 3.175 | 82.303 | 4.753 | 120.619 |
| 270 | 3.302 | 85.678 | 4.246 | 111.144 | 3.302 | 85.678 | 5.108 | 128.394 |
| 280 | 3.429 | 89.053 | 4.424 | 115.922 | 3.429 | 89.053 | 5.483 | 138.169 |
| 290 | 3.556 | 92.428 | 4.602 | 120.700 | 3.556 | 92.428 | 5.878 | 147.944 |
| 300 | 3.683 | 95.803 | 4.780 | 125.478 | 3.683 | 95.803 | 6.293 | 157.719 |
| 310 | 3.810 | 99.178 | 4.958 | 130.256 | 3.810 | 99.178 | 6.728 | 167.494 |
| 320 | 3.937 | 102.553 | 5.136 | 135.034 | 3.937 | 102.553 | 7.183 | 177.269 |
| 330 | 4.064 | 105.928 | 5.314 | 139.812 | 4.064 | 105.928 | 7.658 | 187.044 |
| 340 | 4.191 | 109.303 | 5.492 | 144.590 | 4.191 | 109.303 | 8.153 | 196.819 |
| 350 | 4.318 | 112.678 | 5.670 | 149.368 | 4.318 | 112.678 | 8.668 | 206.594 |
| 360 | 4.445 | 116.053 | 5.848 | 154.146 | 4.445 | 116.053 | 9.203 | 216.369 |
| 370 | 4.572 | 119.428 | 6.026 | 158.924 | 4.572 | 119.428 | 9.758 | 226.144 |
| 380 | 4.699 | 122.803 | 6.204 | 163.702 | 4.699 | 122.803 | 10.333 | 235.919 |
| 390 | 4.826 | 126.178 | 6.382 | 168.480 | 4.826 | 126.178 | 10.928 | 245.694 |
| 400 | 4.953 | 129.553 | 6.560 | 173.258 | 4.953 | 129.553 | 11.543 | 255.469 |
| 410 | 5.080 | 132.928 | 6.738 | 178.036 | 5.080 | 132.928 | 12.178 | 265.244 |
| 420 | 5.207 | 136.303 | 6.916 | 182.814 | 5.207 | 136.303 | 12.833 | 275.019 |
| 430 | 5.334 | 139.678 | 7.094 | 187.592 | 5.334 | 139.678 | 13.508 | 284.794 |
| 440 | 5.461 | 143.053 | 7.272 | 192.370 | 5.461 | 143.053 | 14.203 | 294.569 |
| 450 | 5.588 | 146.428 | 7.450 | 197.148 | 5.588 | 146.428 | 14.918 | 304.344 |
| 460 | 5.715 | 149.803 | 7.628 | 201.926 | 5.715 | 149.803 | 15.653 | 314.119 |
| 470 | 5.842 | 153.178 | 7.806 | 206.704 | 5.842 | 153.178 | 16.408 | 323.894 |
| 480 | 5.969 | 156.553 | 7.984 | 211.482 | 5.969 | 156.553 | 17.183 | 333.669 |
| 490 | 6.096 | 159.928 | 8.162 | 216.260 | 6.096 | 159.928 | 17.978 | 343.444 |
| 500 | 6.223 | 163.303 | 8.340 | 221.038 | 6.223 | 163.303 | 18.793 | 353.219 |



Tube Specifications Imperial & Metric Comparison Table

| SI | Series | Wt | SI | SI | Series | Wt | SI | SI | Series | Wt | SI |
|---------|--------|------|------|-----|--------|-------|--------|-----|--------|-------|--------|
| 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 1.85 | 44.96 | 105 | 105 | 1.85 | 46.8 |
| 3/4" | 105 | 1.24 | 7.50 | 105 | 105 | 2.77 | 42.76 | 105 | 105 | 2.77 | 70.2 |
| 1" | 105 | 1.24 | 7.50 | 105 | 105 | 3.69 | 40.56 | 105 | 105 | 3.69 | 97.6 |
| 1 1/4" | 105 | 1.24 | 7.50 | 105 | 105 | 4.61 | 38.36 | 105 | 105 | 4.61 | 125.0 |
| 1 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 5.53 | 36.16 | 105 | 105 | 5.53 | 152.4 |
| 2" | 105 | 1.24 | 7.50 | 105 | 105 | 6.45 | 33.96 | 105 | 105 | 6.45 | 179.8 |
| 2 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 7.37 | 31.76 | 105 | 105 | 7.37 | 207.2 |
| 3" | 105 | 1.24 | 7.50 | 105 | 105 | 8.29 | 29.56 | 105 | 105 | 8.29 | 234.6 |
| 3 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 9.21 | 27.36 | 105 | 105 | 9.21 | 262.0 |
| 4" | 105 | 1.24 | 7.50 | 105 | 105 | 10.13 | 25.16 | 105 | 105 | 10.13 | 289.4 |
| 4 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 11.05 | 22.96 | 105 | 105 | 11.05 | 316.8 |
| 5" | 105 | 1.24 | 7.50 | 105 | 105 | 11.97 | 20.76 | 105 | 105 | 11.97 | 344.2 |
| 5 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 12.89 | 18.56 | 105 | 105 | 12.89 | 371.6 |
| 6" | 105 | 1.24 | 7.50 | 105 | 105 | 13.81 | 16.36 | 105 | 105 | 13.81 | 399.0 |
| 6 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 14.73 | 14.16 | 105 | 105 | 14.73 | 426.4 |
| 7" | 105 | 1.24 | 7.50 | 105 | 105 | 15.65 | 11.96 | 105 | 105 | 15.65 | 453.8 |
| 7 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 16.57 | 9.76 | 105 | 105 | 16.57 | 481.2 |
| 8" | 105 | 1.24 | 7.50 | 105 | 105 | 17.49 | 7.56 | 105 | 105 | 17.49 | 508.6 |
| 8 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 18.41 | 5.36 | 105 | 105 | 18.41 | 536.0 |
| 9" | 105 | 1.24 | 7.50 | 105 | 105 | 19.33 | 3.16 | 105 | 105 | 19.33 | 563.4 |
| 9 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 20.25 | 0.96 | 105 | 105 | 20.25 | 590.8 |
| 10" | 105 | 1.24 | 7.50 | 105 | 105 | 21.17 | -1.24 | 105 | 105 | 21.17 | 618.2 |
| 10 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 22.09 | -3.44 | 105 | 105 | 22.09 | 645.6 |
| 11" | 105 | 1.24 | 7.50 | 105 | 105 | 23.01 | -5.64 | 105 | 105 | 23.01 | 673.0 |
| 11 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 23.93 | -7.84 | 105 | 105 | 23.93 | 699.4 |
| 12" | 105 | 1.24 | 7.50 | 105 | 105 | 24.85 | -10.04 | 105 | 105 | 24.85 | 726.8 |
| 12 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 25.77 | -12.24 | 105 | 105 | 25.77 | 754.2 |
| 13" | 105 | 1.24 | 7.50 | 105 | 105 | 26.69 | -14.44 | 105 | 105 | 26.69 | 781.6 |
| 13 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 27.61 | -16.64 | 105 | 105 | 27.61 | 809.0 |
| 14" | 105 | 1.24 | 7.50 | 105 | 105 | 28.53 | -18.84 | 105 | 105 | 28.53 | 836.4 |
| 14 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 29.45 | -21.04 | 105 | 105 | 29.45 | 863.8 |
| 15" | 105 | 1.24 | 7.50 | 105 | 105 | 30.37 | -23.24 | 105 | 105 | 30.37 | 891.2 |
| 15 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 31.29 | -25.44 | 105 | 105 | 31.29 | 918.6 |
| 16" | 105 | 1.24 | 7.50 | 105 | 105 | 32.21 | -27.64 | 105 | 105 | 32.21 | 946.0 |
| 16 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 33.13 | -29.84 | 105 | 105 | 33.13 | 973.4 |
| 17" | 105 | 1.24 | 7.50 | 105 | 105 | 34.05 | -32.04 | 105 | 105 | 34.05 | 1000.8 |
| 17 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 34.97 | -34.24 | 105 | 105 | 34.97 | 1028.2 |
| 18" | 105 | 1.24 | 7.50 | 105 | 105 | 35.89 | -36.44 | 105 | 105 | 35.89 | 1055.6 |
| 18 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 36.81 | -38.64 | 105 | 105 | 36.81 | 1083.0 |
| 19" | 105 | 1.24 | 7.50 | 105 | 105 | 37.73 | -40.84 | 105 | 105 | 37.73 | 1110.4 |
| 19 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 38.65 | -43.04 | 105 | 105 | 38.65 | 1137.8 |
| 20" | 105 | 1.24 | 7.50 | 105 | 105 | 39.57 | -45.24 | 105 | 105 | 39.57 | 1165.2 |
| 20 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 40.49 | -47.44 | 105 | 105 | 40.49 | 1192.6 |
| 21" | 105 | 1.24 | 7.50 | 105 | 105 | 41.41 | -49.64 | 105 | 105 | 41.41 | 1220.0 |
| 21 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 42.33 | -51.84 | 105 | 105 | 42.33 | 1247.4 |
| 22" | 105 | 1.24 | 7.50 | 105 | 105 | 43.25 | -54.04 | 105 | 105 | 43.25 | 1274.8 |
| 22 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 44.17 | -56.24 | 105 | 105 | 44.17 | 1302.2 |
| 23" | 105 | 1.24 | 7.50 | 105 | 105 | 45.09 | -58.44 | 105 | 105 | 45.09 | 1329.6 |
| 23 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 46.01 | -60.64 | 105 | 105 | 46.01 | 1357.0 |
| 24" | 105 | 1.24 | 7.50 | 105 | 105 | 46.93 | -62.84 | 105 | 105 | 46.93 | 1384.4 |
| 24 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 47.85 | -65.04 | 105 | 105 | 47.85 | 1411.8 |
| 25" | 105 | 1.24 | 7.50 | 105 | 105 | 48.77 | -67.24 | 105 | 105 | 48.77 | 1439.2 |
| 25 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 49.69 | -69.44 | 105 | 105 | 49.69 | 1466.6 |
| 26" | 105 | 1.24 | 7.50 | 105 | 105 | 50.61 | -71.64 | 105 | 105 | 50.61 | 1494.0 |
| 26 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 51.53 | -73.84 | 105 | 105 | 51.53 | 1521.4 |
| 27" | 105 | 1.24 | 7.50 | 105 | 105 | 52.45 | -76.04 | 105 | 105 | 52.45 | 1548.8 |
| 27 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 53.37 | -78.24 | 105 | 105 | 53.37 | 1576.2 |
| 28" | 105 | 1.24 | 7.50 | 105 | 105 | 54.29 | -80.44 | 105 | 105 | 54.29 | 1603.6 |
| 28 1/2" | 105 | 1.24 | 7.50 | 105 | 105 | 55.21 | -82.64 | 105 | 105 | 55.21 | 1631.0 |
| 29" | 105 | 1.24 | 7.50 | 105 | 105 | 56.13 | -84.84 | 105 | 105 | 56.13 | 1658 |