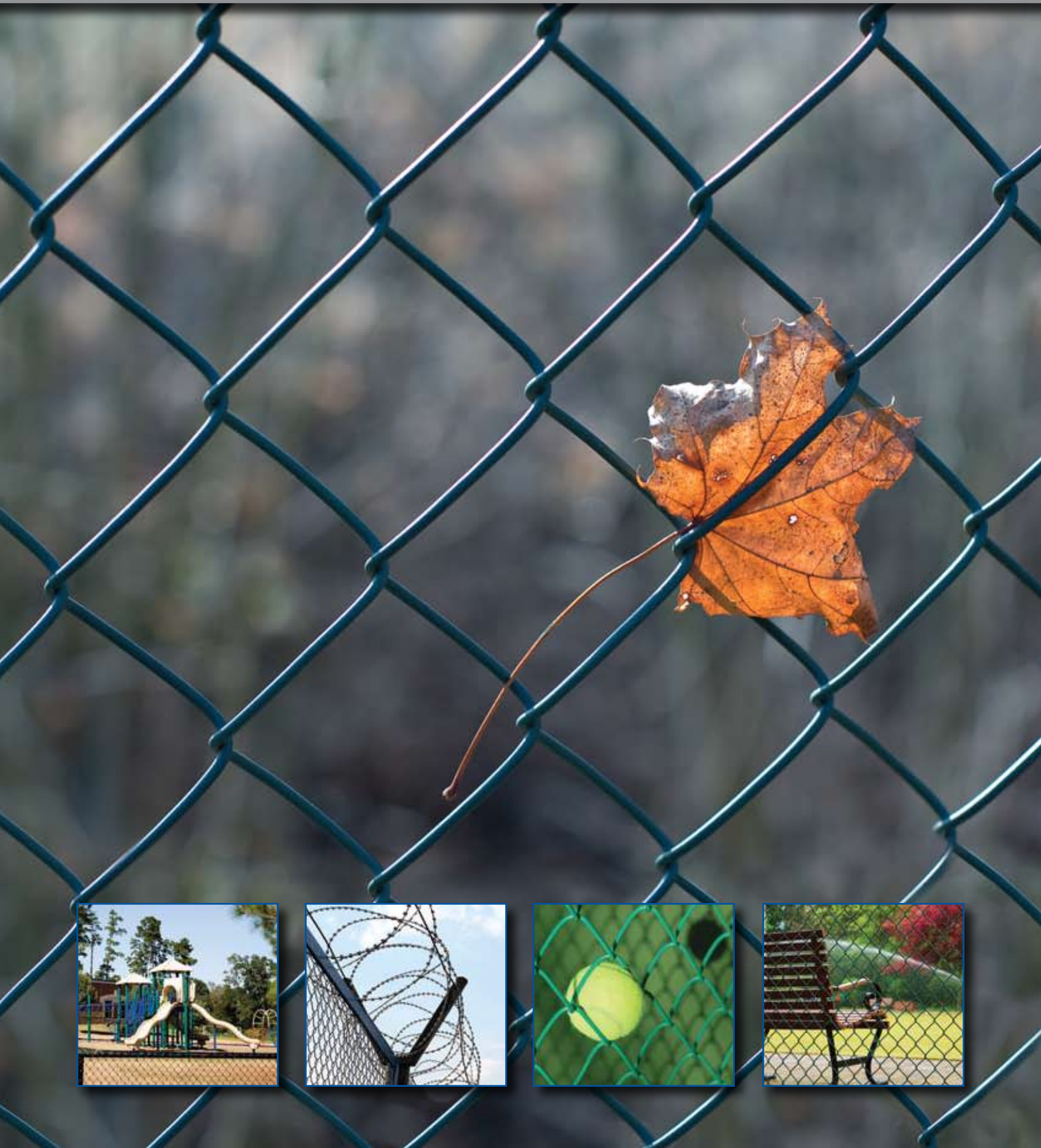




A Tradition of Fencing Solutions

# Chain-Link Products





# Galvanized Chain-Link... made to be versatile

Galvanized hot-dipped zinc coating is the most popular and inexpensive method for protecting chain-link fence systems. Preferred for decades to define property lines and protect property, galvanized chain-link offers a versatile fencing solution that will provide years of maintenance-free protection.

## Security



## Highway



## Commercial



### Galvanized Fencing System

All steel components are hot-dip zinc coated and guaranteed for 12 years.



12 Year Warranty



Meets and Exceeds  
all ASTM Standards

### Galvanized After Weaving (GAW)

This process forms or weaves chain-link into a fabric first, and then soaks it in a large galvanized bath which adheres the zinc coating. This ensures that all the wire is coated, even the cut ends created during the weaving process.



### Galvanized Before Weaving (GBW)

In this process, the wire is pre-galvanized before it is formed into a fabric. The weaving process creates an exposed cut end that will lack coating and be more apt to some minor rust in wet and severe weather conditions.







### Residential



### Schools



### Construction

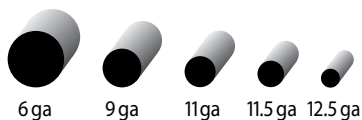


### Framework and Fittings

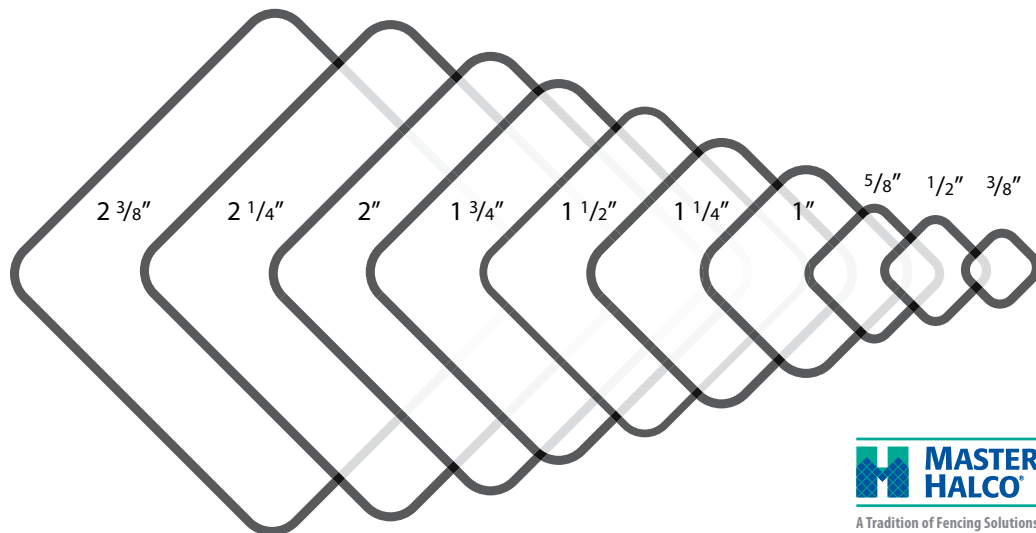
Master Halco offers the highest quality matching framework, fittings and accessories for galvanized fencing systems, stocking the largest assortment of domestic and imported pipe, tube and fittings to satisfy any job specification.

### Available Wire Gauges

The gauges available are:



### Available Mesh Sizes



# Spectra® Color Chain-Link... made to perform

Spectra® is the latest generation of Master Halco's residential, commercial and industrial chain-link fence systems. It provides the corrosion protection of zinc, with the durability and attractive appearance of a colored polyester framework and extruded PVC fabric, to ensure years of attractive and reliable performance that blends in beautifully with the environment.

Pets



Parks



Property Lines



## Our Spectra Fencing System

Premium quality frame and fabric is guaranteed for 12 years.



12 Year Warranty



Meets and Exceeds  
all ASTM Standards

## Features and Benefits:

- Zinc-coated steel framework is thoroughly cleaned during the pre-treatment process, then color coated with a 3 mil minimum polyester layer for dual protection from corrosion.
- All galvanized wire has a 15 mil minimum extruded polyvinyl chloride coating for dual protection from corrosion and the elements.
- Fittings are made of galvanized steel with a 6 mil minimum of polymer coating for added protection.
- Components are treated with both zinc and an electrostatically applied color coating to help provide years of protection and security.





### Residential



### Schools



### Privacy Fencing



### Available Colors

Choose from 3 serene colors that blend in perfectly with the environment. Spectra® defines property lines, encloses animals, protects public buildings and will add value to any residential or commercial property.



Midnight Black



Forest Green



Sierra Brown

### Available Wire Gauges (Finish)

The gauges available are:



6 ga



8 ga

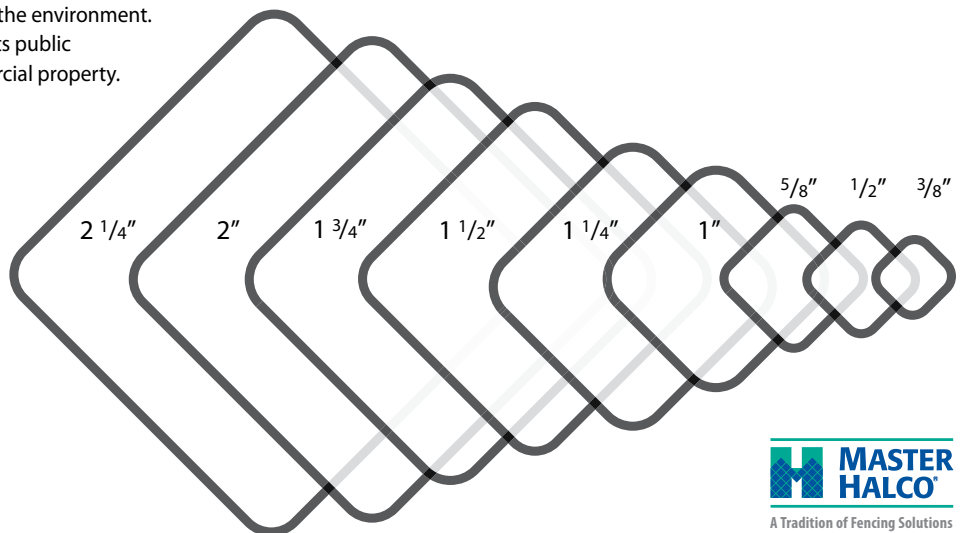


9 ga



11 ga

### Available Mesh Sizes



# Permafused® II Color Chain-Link... made to be durable

Permafused® II, the next generation in color chain-link fence systems, offers unparalleled performance over ordinary systems, featuring a heavy mill coating that offers superior protection. Its outstanding resistance to ultra violet light and corrosive environments prevents premature fading and decay. It is an ideal choice for commercial applications that need the security of a chain-link fence system and an appearance that blends in beautifully with the environment.

Golf Courses



Perimeter Fence



Tennis Courts



## Our Permafused Fencing System

Master Halco offers the highest quality products with unmatched reliability.



15 Year Warranty



Meets and Exceeds  
all ASTM Standards

## Features and Benefits:

- Outstanding performance in highly corrosive environments provides years of protection.
- High impact resistance reduces the chance of damage during product handling and installation.
- Exceptional resistance to ultra violet light prevents premature fading.
- Extreme flexibility reduces susceptibility to cracking and chipping, even in changing weather conditions.
- 15 year limited warranty provides confidence and assurance that you've selected one of the best color chain-link fence systems available.





Schools



Government Facilities



High-Security Facilities



#### Available Colors

Choose from 3 standard and 2 special order PermaFused II colors that will enhance any installation and blend in beautifully with any environment.



Midnight Black

Special Order:



Forest Green

Special Order:



Sierra Brown

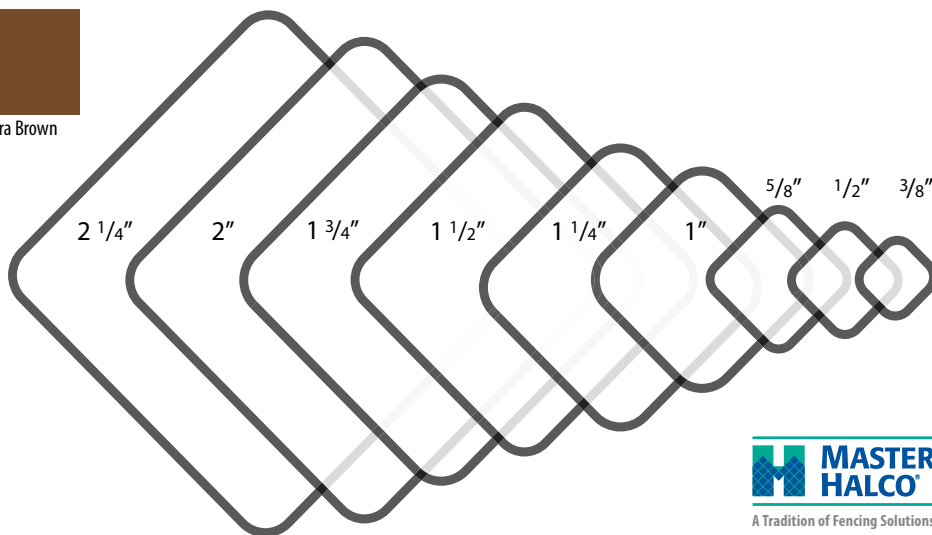


Tan



Olive Green

#### Available Mesh Sizes



#### Available Wire Gauges (Finish)

The gauges available are:



8 ga



10 ga



11ga

# Chain-Link Fencing Systems Comparisons

Design Selections	Galvanized	Spectra®	PermaFused® II
Colors	N/A	3 Choices	5 Choices
Available Heights	3' - 12'	3' - 12'	3' - 12'
Mesh	10 Choices	9 Choices	9 Choices
<b>Durability</b>			
Corrosion Resistance	Good	Better	Best
Fade Resistance	N/A	Better	Best
Peel Resistance	N/A	Better	Best
Weathering Resistance	Good	Better	Best
Abrasion Resistance	Good	Better	Best
Chemical Resistance	Good	Better	Best
Low Temperature	Good	Better	Best
<b>Coatings</b>			
Coating Material	Galvanized Zinc	Polyester	Heavy Mil
Coating Process	Galvanized Before and Galvanized After Weaving	9 Stage In-Line Coating Process	11 Stage In-Line Coating Process
<b>Warranty</b>			
	12 Years	12 Years	15 Years



# Galvanized

## Residential Galvanized Chain-Link Fence Recommendations

Chain-Link Fabric	
Type	Galvanized After Weaving and Galvanized Before Weaving
Gauge	9, 11, 11.5 and 12.5
Mesh	1-1/4", 2", 2-1/4", and 2-3/8"
Heights	3', 42", 4', 5', 6'
Selvage	Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Barb - Knuckle (BK) for 6' and Over.
Top Rail	
3' to 5' High	1-3/8" O.D. 17 Gauge
	1-3/8" O.D. 16 Gauge
6' High	1-3/8" O.D. 17 Gauge
	1-3/8" O.D. 16 Gauge
	1-5/8" O.D. 16 Gauge
Line Posts	
3' to 5' High	1-5/8" O.D. 16 Gauge
6' High	1-7/8" O.D. 16 Gauge
Terminal Posts	
3' to 5' High	1-7/8" O.D. 16 Gauge
	2-3/8" O.D. 16 Gauge
6' High	2-3/8" O.D. 16 Gauge
Gates	
Fabric	Same Gauge and Mesh as Chain-Link Selected
Frame	Same as Top Rail Selected
Fittings	
Tension and Brace Bands	Hot-Dip Galvanized Pressed Steel
Caps, Eye Tops, Rail Ends	Die Cast Aluminum or Pressed Steel
Tie Wires	Aluminum or Galvanized Steel
Slats - Privacy	
Material Composition	Polyethylene Thermoplastic
Colors	Green, Black, Brown, Gray, Redwood, Blue, Desert Sand

## Commercial Galvanized Chain-Link Fence Recommendations

Chain-Link Fabric	
Type	Galvanized After Weaving
Specification	ASTM A 392 Class 1 or 2
Gauge	6, 9, and 11
Mesh	3/8", 1/2", 5/8", 1" 1-1/4", 1-1/2", 1-3/4" and 2
Heights	3', 42", 4', 5', 6', 7', 8', 9', 10', and 12'
Selvage	Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Barb - Knuckle (BK) for 6' and Over.
Top Rail	
3' to 5' High	1-5/8" O.D. Deluxe Quality (DQ)
	1-5/8" O.D. Full Weight Pipe
6' to 12' High	1-5/8" O.D. Deluxe Quality (DQ)
	1-5/8" O.D. Full Weight Pipe
Line Posts	
3' to 5' High	1-7/8" O.D. Deluxe Quality (DQ)
	1-7/8" O.D. Full Weight Pipe
	2-3/8" O.D. Commercial Quality (CQ)
	2-3/8" O.D. Deluxe Quality (DQ)
	2-3/8" O.D. Full Weight Pipe
6' to 12' High	2-3/8" O.D. Commercial Quality (CQ)
	2-3/8" O.D. Deluxe Quality (DQ)
	2-3/8" O.D. Full Weight Pipe
Terminal Posts	
3' to 12' High	2-3/8" O.D. Commercial Quality (CQ)
	2-3/8" O.D. Deluxe Quality (DQ)
	2-3/8" O.D. Full Weight Pipe
	4" O.D. Commercial Quality (CQ)
	4" O.D. Deluxe Quality (DQ)
	4" O.D. Full Weight Pipe
For Heavy Gates	6-5/8" O.D. Full Weight Pipe
	8-5/8" O.D. Full Weight Pipe
Gates	
Fabric	Same Gauge and Mesh as Chain-Link Selected
Frame	Same as Top Rail Selected
Fittings	
Tension and Brace Bands	Hot-Dip Galvanized Pressed Steel
Caps, Eye Tops, Rail Ends	Malleable, Cast Iron Steel, and Pressed Steel
Tie Wires	Aluminum or Galvanized Steel
Slats - Privacy	
Material Composition	Polyethylene Thermoplastic
Colors	Green, Black, Brown, Gray, Redwood, Blue, Desert Sand

### Spectra® Polyester Coated Color Chain-Link Fence Recommendations

Chain-Link Fabric	
Type	Spectra® polyvinyl chloride extruded over zinc-coated steel wire per ASTM F 668 Class 1 or Spectra® polyvinyl chloride extruded and adhered over zinc-coated steel wire per ASTM F 668 Class 2a.
Gauge	6, 9, and 11 (Finish)
Mesh	3/8", 1/2", 5/8", 1", 1-1/4", 1-1/2", 1-3/4", 2", and 2-1/4"
Heights	3', 42", 4', 5', 6', 7', 8', 9', 10', and 12'
Selvage	Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Barb - Knuckle (BK) for 6' and Over.
Colors	Forest Green, Midnight Black, Sierra Brown
Framework	
Type 2	Spectra® polyester resin, 3 mils minimum, over galvanized steel ASTM F 1043, Group 1C, with a minimum yield strength of 50,000 PSI. Protective coating per ASTM 1043, external coating Type B, zinc with organic overcoat, 0.9 ounces per square foot minimum zinc coating with chromate conversion coating and verifiable polymer film.
Colors	Forest Green, Midnight Black, Sierra Brown
Top Rail	
Type 2 Residential	1-3/8" O.D. Spectra® 17 Gauge • 1-3/8" O.D. Spectra® 16 Gauge
Type 2 Commercial	1-5/8" O.D. Spectra® Deluxe Quality (DQ)
	1-5/8" O.D. Spectra® Full Weight Pipe
Line Posts	
Type 2 Residential	1-5/8" O.D. Spectra® 17 Gauge • 1-5/8" O.D. Spectra® 16 Gauge
Type 2 Commercial	1-7/8" O.D. Spectra® Deluxe Quality (DQ)
	1-7/8" O.D. Spectra® Full Weight Pipe
	2-3/8" O.D. Spectra® Deluxe Quality (DQ)
	2-3/8" O.D. Spectra® Full Weight Pipe
Terminal Posts	
Type 2 Residential	1-7/8" O.D. Spectra® 16 Gauge • 2-3/8" O.D. Spectra® 16 Gauge
Type 2 Commercial	2-3/8" O.D. Spectra® Deluxe Quality (DQ)
	2-3/8" O.D. Spectra® Full Weight Pipe
	2-7/8" O.D. Spectra® Deluxe Quality (DQ)
	2-7/8" O.D. Spectra® Full Weight Pipe
	4" O.D. Spectra® Deluxe Quality (DQ)
	4" O.D. Spectra® Full Weight Pipe
Gates	
Fabric	Same Gauge and Mesh as Chain-Link Selected
Frame	Same as Top Rail Selected
Fittings	
Tension and Brace Bands	Polymer Coating, 6 Mils Minimum, Over Hot-Dipped Galvanized Pressed Steel
Caps, Eye Tops, Rail Ends	Polymer Coating, 6 Mils Minimum, Over Hot-Dipped Galvanized Pressed Steel or Aluminum
Sleeves	Polymer Coating, 6 Mils Minimum, Over Hot-Dipped Galvanized Steel
Tie Wires	Polymer Coating, 6 Mils Minimum, Over Zinc-Coated Steel Wire
Slats - Privacy	
Material Composition	Polyethylene Thermoplastic
Colors	Green, Black, Brown, Gray, Redwood, Blue, Desert Sand

### Permafused® II Coated Commercial Color Chain-Link Fence Recommendations

Chain-Link Fabric	
Type	Permafused® II Heavy-Mil Coating Fused and Adhered to Zinc-Coated Steel Wire per ASTM F 668 Class 2b.
Gauge	8, 10, and 11 (Finish)
Mesh	3/8", 1/2", 5/8", 1", 1-1/4", 1-1/2", 1-3/4", 2", and 2-1/4"
Heights	3', 42", 4', 5', 6', 7', 8', 9', 10', and 12'
Selvage	Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Barb - Knuckle (BK) for 6' and Over.
Colors	Forest Green, Midnight Black, Sierra Brown, Olive Green and Tan
Framework	
Type 1	Permafused® II Heavy Mil, 10 mils minimum, over galvanized steel ASTM F 1043, Group 1a, standard weight pipe, schedule 40. Hot-dipped galvanized with a minimum average 1.8 ounces per square foot of zinc-coated surface area.
Type 2	Permafused® II Polyolefin, 10 mils minimum, over galvanized steel ASTM F 1043, Group 1c, with a minimum yield strength of 50,000 PSI. Protective coating per ASTM F 1043, external coating type B, zinc with organic overcoat, 0.9 ounces per square foot minimum zinc coating with chromate conversion coating and verifiable polymer film.
Colors	Forest Green, Midnight Black, Sierra Brown, Olive Green and Tan
Top Rail	
Type 1	1-5/8" O.D. Permafused® II Standard Weight Pipe (0.140" wall thickness, 2.27 lb./ft.)
Type 2	1-5/8" O.D. Permafused® II Deluxe Quality (DQ) Pipe (0.111" wall thickness, 1.83 lb./ft.)
Line Posts	
Type 1	2-3/8" O.D. Permafused® II Standard Weight Pipe (0.154" wall thickness, 3.65 lb./ft.)
Type 2	2-3/8" O.D. Permafused® II Deluxe Quality (DQ) Pipe (0.130" wall thickness, 3.12 lb./ft.)
Terminal Posts	
Type 1	2-7/8" O.D. Permafused® II Standard Weight Pipe (0.203" wall thickness, 5.79 lb./ft.)
Type 2	2-7/8" O.D. Permafused® II Deluxe Quality (DQ) Pipe (0.160" wall thickness, 4.64 lb./ft.)
Gates	
Fabric	Same Gauge and Mesh as Chain-Link Selected
Framework	Same as Top Rail Selected
	2" Sq. Steel Tubular (2.60 lb./ft.)
	2" Sq. Aluminum Tubular (0.94 lb./ft.)
Fittings	
Tension and Brace Bands	Permafused® II Coating, 6 Mils Minimum, Over Hot-Dipped Galvanized Pressed Steel
Caps, Eye Tops, Rail Ends	Permafused® II Coating, 6 Mils Minimum, Over Hot-Dipped Galvanized Pressed Steel or Aluminum
Sleeves	Permafused® II Coating, 6 Mils Minimum, Over Hot-Dipped Galvanized Steel
Tie Wires	Permafused® II Coating, 6 Mils Minimum, Over Zinc-Coated Steel Wire



# Accessories, Framework & Fittings... for a complete fencing solution

Master Halco® is dedicated to providing a complete range of products for every fencing application. From temporary fencing to high security accessories, and automated gate systems to privacy screening, you'll find a solution that will fit any specific requirement for commercial or residential jobs. All products are constructed to the highest quality standards to deliver optimum performance and ensure efficient installation.

As the leader in the chain-link fencing market, you can look to Master Halco with confidence as your one-stop-shop for all high-quality, chain-link fencing products.

Kennels



High Security



Accessories



Temporary Panels



Gates



Privacy Slats



## Framework & Fittings

The proper framework and fittings is a must for every job. Master Halco stocks the largest selection of imported and domestic pipe, tube and fittings in the nation to coordinate with our Chain-Link fabric styles, offering a complete fencing solution.

Whether you are looking to complete a small residential job or a large commercial one, Master Halco offers the perfect combination of products. Below are just a few examples of coordinating pipes, tubes and fittings available.



### Pipe & Tube

- CQ20
- Structural
- Dura-Tube 16 Gauge
- RQ 15
- DQ 40
- HQ 30
- Dura-Lite 18 and 17 Gauge
- Schedule 40 Full Weight

### Fittings

- Pressed Steel
- Aluminum
- Die Cast
- Malleable
- Heavy Mil Color
- Polyester Coated Color

