Master Halco
A Tradition of Fencing Solutions

Chain-Link Products
Master Halco®... The industry leader in chain-link fencing solutions

From humble beginnings in 1961 in a Whittier, California garage, Master Halco has grown and evolved to become the world leader in the manufacturing and distribution of complete fencing solutions.

Starting as Master Fence Fittings, originally producing a limited variety of chain-link fittings, the company quickly grew by adding pipe and chain-link fabric to offer a complete wholesale-only source of chain-link products to contractors. Over the next ten years, Master Fence Fittings expanded operations to include branch offices in California and a wood fencing distributorship in Colorado. In addition, they began to manufacture vinyl coated chain-link fence fabric in Illinois, which was a logical addition to the expanding product line.

By the early 1980's, Master Fence Fittings purchased Halco Fence & Wire, adding twelve service centers and one manufacturing plant specializing in galvanized chain-link fence fabric, and combined the names of the companies to create Master Halco. Because customers wanted an even wider variety of fence systems and related materials, ornamental iron and vinyl/PVC fencing were added to the expanding product line, making Master Halco a one-stop source for complete fencing solutions. In 1995, Master Halco established itself as an international distributor with the creation of Master Halco Ltd. in Canada, with three locations to efficiently serve Canadian customers.

Today, Master Halco continues to grow, combining advances in technology and automation with new branch locations to better serve local fencing markets across the nation, earning their place as the premier source for complete fencing system.

Founded on the principles of quality and value, distribution excellence and dedicated customer support, Master Halco has set the industry standard for world class fencing solutions.

Company Milestones... Then & Now

1961
Master Fence Fittings was established in a garage with two small punch presses in 1961 by Donovan O’Donnell in Whittier, California, producing a limited variety of chain-link fittings.

1965
In 1965, recognizing an opportunity to expand distribution, the first Master Fence Fittings branch service center opened in Hayward, California.

1973
Olney, Illinois became Master Fence Fittings’ sixth branch in 1973, and its second manufacturing facility. The company began to manufacture vinyl coated chain-link fence fabric as a logical addition to its existing product line. The predecessor to Itochu purchases the Master Companies.

1980
In December of 1980, Master Fence Fittings purchased Halco Fence & Wire. This acquisition added 12 service centers and one manufacturing plant, specializing in galvanized chain-link (GAW) fence fabric. In 1983, the names of the companies were combined to create MASTER HALCO.
Combined with the industry’s most experienced manufacturing team, Master Halco provides customers with products that set the standard in the industry for quality and value. Computer-aided design, resulting in innovative product development, statistical process control and commitment to automation for increased customer service are all a part of our ongoing goal to strive for excellence.

For over a century, chain-link fencing has been one of the most popular fencing solutions available and is the leading way to create a safe and protected perimeter environment.

Ideal for residential and commercial applications, no other fencing can offer the benefits of durability and security with flexibility and value like chain-link. Industrial property owners prefer chain-link to protect corporate assets and prevent intrusion. Combined with access control system gates and barbed wire, chain-link can offer enhanced security at an economical cost. It’s also a natural for fencing yards, playgrounds, and sports fields.

Whether you choose galvanized or the contemporary color and enhanced durability of Spectra® and Permafused® chain-link, there is a choice to suit every aesthetic, security and value requirement. From oceanfront to urban settings and everything in between, premium chain-link fence systems from Master Halco offer a complete fencing solution.

World-class manufacturing sets the standard for quality.

Master Halco employs state-of-the-art manufacturing technology to produce the highest quality chain-link product available in the market today.

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1980 In December of 1980, Master Fence Fittings purchased Halco Fence & Wire. This acquisition added 12 service centers and one manufacturing plant, specializing in galvanized chain-link (GAW) fence fabric. In 1983, the names of the companies were combined to create MASTER HALCO.

1985 New corporate identity.

1990 1995 MASTER HALCO successfully established itself as an international distributor in 1995 with the creation of Master Halco Ltd. in Canada. Consistent with our commitment of being close to our customers, three locations provide an efficient way to service our Canadian clientele.


2005 2005 Master Halco announced its acquisition of Canadian companies: Clotures Lasalle Ltee and Clotres Bel-Air Ltee. These purchases increase Master Halco’s Canadian presence through its fence contracting business and home center channels, adding three distribution centers in Quebec City, Montreal and Brampton, along with the St. Catherine manufacturing plant.

2009 2009 Master Halco continues to add branch locations across North America. Recent openings will help serve the local fencing markets in:

- Hayward, CA
- San Diego, CA
- Austin, TX
- Rochester, NY
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.

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.

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

Security
Highway
Commercial
Available Wire Gauges
The gauges available are:

- 6 ga
- 9 ga
- 11 ga
- 11.5 ga
- 12.5 ga

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.
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.

**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.

**Our Spectra Fencing System**

Premium quality frame and fabric is guaranteed for 12 years.

12 Year Warranty

Meets and Exceeds all ASTM Standards
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 Mesh Sizes

- 2 1/4"
- 2"
- 1 3/4"
- 1 1/2"
- 1 1/4"
- 1"
- 5/8"
- 1/2"
- 3/8"

Available Wire Gauges (Finish)
The gauges available are:

- 6 ga
- 8 ga
- 9 ga
- 11 ga
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.

**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.

Master Halco offers the highest quality products with unmatched reliability.

Meet and Exceeds all ASTM Standards

15 Year Warranty

Golf Courses  Perimeter Fence  Tennis Courts

Permafused® II Color Chain-Link... made to be durable
Available Wire Gauges (Finish)

The gauges available are:

- 8 ga
- 10 ga
- 11 ga

Available Colors

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

- Midnight Black
- Forest Green
- Tan
- Olive Green
- Sierra Brown

Available Mesh Sizes

- 2 1/4”
- 2”
- 1 3/4”
- 1 1/2”
- 1 1/4”
- 1”
- 5/8”
- 1/2”
- 3/8”
<table>
<thead>
<tr>
<th>Design Selections</th>
<th>Galvanized</th>
<th>Spectra®</th>
<th>Permafused® II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colors</td>
<td>N/A</td>
<td>3 Choices</td>
<td>5 Choices</td>
</tr>
<tr>
<td>Available Heights</td>
<td>3' - 12'</td>
<td>3' - 12'</td>
<td>3' - 12'</td>
</tr>
<tr>
<td>Mesh</td>
<td>10 Choices</td>
<td>9 Choices</td>
<td>9 Choices</td>
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<tr>
<td>Durability</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Corrosion Resistance</td>
<td>Good</td>
<td>Better</td>
<td>Best</td>
</tr>
<tr>
<td>Fade Resistance</td>
<td>N/A</td>
<td>Better</td>
<td>Best</td>
</tr>
<tr>
<td>Peel Resistance</td>
<td>N/A</td>
<td>Better</td>
<td>Best</td>
</tr>
<tr>
<td>Weathering Resistance</td>
<td>Good</td>
<td>Better</td>
<td>Best</td>
</tr>
<tr>
<td>Abrasion Resistance</td>
<td>Good</td>
<td>Better</td>
<td>Best</td>
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<tr>
<td>Chemical Resistance</td>
<td>Good</td>
<td>Better</td>
<td>Best</td>
</tr>
<tr>
<td>Low Temperature</td>
<td>Good</td>
<td>Better</td>
<td>Best</td>
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<tr>
<td>Coatings</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Coating Material</td>
<td>Galvanized Zinc</td>
<td>Polyester</td>
<td>Heavy Mil</td>
</tr>
<tr>
<td>Coating Process</td>
<td>Galvanized Before and Galvanized After Weaving</td>
<td>9 Stage In-Line Coating Process</td>
<td>11 Stage In-Line Coating Process</td>
</tr>
<tr>
<td>Warranty</td>
<td>12 Years</td>
<td>12 Years</td>
<td>15 Years</td>
</tr>
</tbody>
</table>
## Residential Galvanized Chain-Link Fence Recommendations

<table>
<thead>
<tr>
<th>Chain-Link Fabric</th>
<th>Type</th>
<th>Galvanized After Weaving and Galvanized Before Weaving</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauge</td>
<td>9, 11, 11.5 and 12.5</td>
<td></td>
</tr>
<tr>
<td>Mesh</td>
<td>1-1/4&quot;, 2&quot;, 2-1/4&quot;, and 2-3/8&quot;</td>
<td></td>
</tr>
<tr>
<td>Heights</td>
<td>3', 42&quot;, 5', 6'</td>
<td></td>
</tr>
<tr>
<td>Selvage</td>
<td>Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Barb - Knuckle (BK) for 6' and Over.</td>
<td></td>
</tr>
</tbody>
</table>

| Top Rail          | 3' to 5' High | 1-3/8" O.D. 17 Gauge |
|                   | 6' High       | 1-3/8" 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 |
|                   | 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

<table>
<thead>
<tr>
<th>Chain-Link Fabric</th>
<th>Type</th>
<th>Galvanized After Weaving</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specification</td>
<td>ASTM A 392 Class 1 or 2</td>
<td></td>
</tr>
<tr>
<td>Gauge</td>
<td>6, 9, and 11</td>
<td></td>
</tr>
<tr>
<td>Heights</td>
<td>3', 42&quot;, 4', 5', 6', 7', 8', 9', 10', and 12'</td>
<td></td>
</tr>
<tr>
<td>Selvage</td>
<td>Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Barb - Knuckle (BK) for 6' and Over.</td>
<td></td>
</tr>
</tbody>
</table>

| Top Rail          | 3' to 5' High | 1-5/8" O.D. Deluxe Quality (DQ) |
|                   | 6' to 12' High | 1-5/8" O.D. Deluxe Quality (DQ) |

| Line Posts        | 3' to 5' High | 1-7/8" O.D. Deluxe Quality (DQ) |
|                   | 6' to 12' High | 1-7/8" O.D. Deluxe Quality (DQ) |

| Terminal Posts    | 3' to 12' High | 2-3/8" O.D. Commercial Quality (CQ) |
|                   |               | 2-3/8" O.D. Deluxe Quality (DQ) |

| 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

<table>
<thead>
<tr>
<th>Chain-Link Fabric</th>
<th>Type</th>
<th>Gauge</th>
<th>Mesh</th>
<th>Heights</th>
<th>Selvage</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Rail</td>
<td>1-5/8&quot; O.D. Spectra® Deluxe Quality (DQ) Pipe</td>
<td>0.160&quot; wall thickness, 3.12 lb./ft.</td>
<td>0.140&quot; wall thickness, 2.27 lb./ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Line Posts</td>
<td>2&quot; O.D. Spectra® Deluxe Quality (DQ) Pipe</td>
<td>0.154&quot; wall thickness, 3.65 lb./ft.</td>
<td>0.130&quot; wall thickness, 4.64 lb./ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Terminal Posts</td>
<td>2&quot; O.D. Spectra® Deluxe Quality (DQ) Pipe</td>
<td>0.203&quot; wall thickness, 5.79 lb./ft.</td>
<td>0.160&quot; wall thickness, 4.64 lb./ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gates</td>
<td>Same Gauge and Mesh as Chain-Link Selected</td>
<td>Same as Top Rail Selected</td>
<td>Same as Top Rail Selected</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fittings</td>
<td>Spectra® Polyethylene Thermoplastic</td>
<td>Spectra® Polyethylene Thermoplastic</td>
<td>Spectra® Polyethylene Thermoplastic</td>
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</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chain-Link Fabric</th>
<th>Type</th>
<th>Gauge</th>
<th>Mesh</th>
<th>Heights</th>
<th>Selvage</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permafused® II Heavy-Mill Coating Fused and Adhered to Zinc-Coated Steel Wire per ASTM F 668 Class 2b.</td>
<td>1-5/8&quot; O.D. Permafused® II Deluxe Quality (DQ) Pipe</td>
<td>8, 10, and 11 (Finish)</td>
<td>3/8&quot;, 1/2&quot;, 5/8&quot;, 7/8&quot;, 1&quot;, 1-1/2&quot;, 1-3/4&quot;, 2&quot;, and 2-1/2&quot;</td>
<td>3', 42&quot;, 4', 5', 6', 7', 8', 9', 10', and 12'</td>
<td>Knuckle - Knuckle (KK) for 5' and Under. Knuckle - Knuckle (KK) or Barb - Knuckle (BK) for 6' and Over.</td>
<td>Forest Green, Midnight Black, Sierra Brown, Olive Green and Tan</td>
</tr>
<tr>
<td>Top Rail</td>
<td>1-5/8&quot; O.D. Permafused® II Standard Weight Pipe (0.140&quot; wall thickness, 2.27 lb./ft.)</td>
<td>0.160&quot; wall thickness, 3.12 lb./ft.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Line Posts</td>
<td>2-3/8&quot; O.D. Permafused® II Deluxe Quality (DQ) Pipe (0.111&quot; wall thickness, 1.83 lb./ft.)</td>
<td>0.130&quot; wall thickness, 3.12 lb./ft.</td>
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<td></td>
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</tr>
<tr>
<td>Terminal Posts</td>
<td>2-7/8&quot; O.D. Permafused® II Deluxe Quality (DQ) Pipe (0.160&quot; wall thickness, 4.64 lb./ft.)</td>
<td>0.203&quot; wall thickness, 5.79 lb./ft.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Gates</td>
<td>Same Gauge and Mesh as Chain-Link Selected</td>
<td>Same as Top Rail Selected</td>
<td>Same as Top Rail Selected</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fittings</td>
<td>Permafused® II Coating, 6 Mils Minimum, Over Hot-Dipped Galvanized Steel</td>
<td>PermAStm 668 Class 2b.</td>
<td>PermAStm 668 Class 2b.</td>
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</tr>
</tbody>
</table>

### Material Composition
- Polyethylene Thermoplastic
- Spectra® Polyester Resin
- Permafused® II Polyolefin

### Colors
- Spectra® Green, Black, Brown, Gray, Redwood, Blue, Desert Sand
- Permafused® II Forest Green, Midnight Black, Sierra Brown, Olive Green and Tan

### Type
- Spectra® Green, Black, Brown, Gray, Redwood, Blue, Desert Sand
- Permafused® II Forest Green, Midnight Black, Sierra Brown, Olive Green and Tan

### Height
- Spectra® 3', 42", 4', 5', 6', 7', 8', 9', 10', and 12'
- Permafused® II 3', 42", 4', 5', 6', 7', 8', 9', 10', and 12'

### Mesh
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.

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

**Temporary Panels**

**Gates**

**High Security**

**Accessories**

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

**Fittings**

- Pressed Steel
- Die Cast
- Aluminum
- Heavy Mil Color
- Malleable
- Polyester Coated Color
Master Halco® ... offers you more

As North America’s largest fence solutions distributor, Master Halco constantly works to bring you the most comprehensive product offerings in the industry. Every fencing job is different, and we strive to present you with the options that you need to make the optimum fencing choice. Our product line-up is comprehensive, in-stock, and ready for your review.

Contact your nearest Master Halco location and experience for yourself why we are the go-to resource for fencing solutions, year after year.