

ColorBond®

Architectural Color Coated Chain Link Fence Systems



Merchants Metals®
the first name in fence solutions



Product Features:

- 15-Year Limited Warranty
- Residential, Recreational, Commercial, Industrial and High Security Applications
- Matching Framework, Fittings and Gates Available
- Choose from Light Mil or Heavy Mil Framework
- Two Standard Environmentally Blending Colors – Black & Green

Color Coated Wire Classes:

Class 1: Good

PVC coating extruded over galvanized steel core wire.

Class 2a: Better

PVC coating extruded and adhered to galvanized steel core wire.

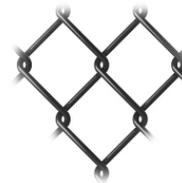
Class 2b: Best

PVC coating is fused and adhered to galvanized steel core wire.

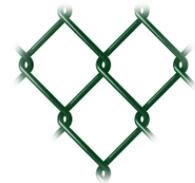
ColorBond® Color Coated Chain Link Fence Systems

ColorBond® color coated chain link systems are the natural choice for projects that require the aesthetically pleasing benefits of color, and the dependable security of chain link. Available in two environmentally-inspired colors – black and green– color coated chain link systems blend naturally with the environment and allow the beauty of the landscape and architecture to show through.

The architectural color coating is applied to the wire in one of three ways, Extruded (Good), Extruded & Adhered (Better) or Fused & Adhered (Best), and each method begins with a galvanized steel core wire. This process provides a double coating of protection and assures years of maintenance free performance.



BLACK



GREEN

Fabric

Our color coated chain link fabric is produced in a variety of gauge and mesh sizes, and is available in heights of 36”, 42”, 48”, 60”, 72”, 84”, 96”, 120” and 144”. *Please note 120” and 144” is available in 8 gauge only.*

COLOR COATED CHAIN LINK MESH AND GAUGE SIZE CHART						
COLOR COATED MESH SIZES	GOOD	BETTER		BEST		
	Class 1 Extruded	Class 2A Extruded & Adhered (Bonded)	Class 2A Extruded & Adhered (Bonded)	Class 2B Fused & Adhered (Bonded)	Class 2B Fused & Adhered (Bonded)	Class 2B Fused & Adhered (Bonded)
	13 Ga. Core 9 Ga. Finish	11 Ga. Core 8 Ga. Finish	9 Ga. Core 6 Ga. Finish	11 Ga. Core 10 Ga. Finish	9 Ga. Core 8 Ga. Finish	6 Ga. Core 5 Ga. Finish
2"	✓	✓	✓	✓	✓	✓
1-3/4"	✓	✓	✓	✓	✓	
1-1/4"	✓	✓	✓	✓	✓	
1"	✓	✓		✓	✓	
5/8"	✓	✓		✓	✓	

Fabric Terminology

Gauge:

Refers to the diameter of the wire used to produce the fabric; the higher the gauge number the smaller the wire diameter.

On color fabric, two gauge sizes are referenced. The first gauge listed refers to the size of the galvanized core wire while the second gauge listed represents the size of the finished product.

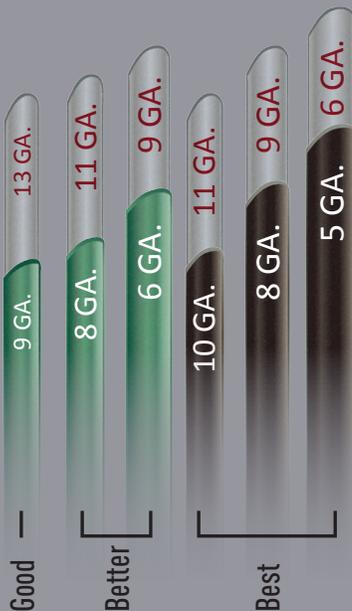
Mesh Size:

Is the clear distance between parallel wires forming a diamond; the smaller the mesh size, the tighter the fabric.

Selvage:

Refers to the way the individual ends of the wire are finished after being woven together. The wire can be "knuckled" to avoid sharp ends or "Twisted" when more security is required.

Measuring Gauge Size



Framework

Matching color coated galvanized steel framework is available in a variety of gauge and diameter sizes, for 3' to 12' high chain link fence systems.

Framework for color systems is available in both a Light Mil and Heavy Mil option, both coated over a galvanized substrate. Light Mil framework has a total color coating thickness of 3 mils, while the superior Heavy Mil coating has a coating thickness of at least 10 mils.

WALL THICKNESS OF IN-LINE GALVANIZED LIGHT MIL COATED FRAMEWORK

FRAME-WORK DIAMETER	FRAMEWORK GAUGE						
	17 gauge	16 gauge	LG - 15	LG - 20	LG - 30	LG - 40	SCH. 40
1-3/8"	.055"	.065"	.072"	.080"			
1-5/8"		.065"	.072"	.085"	.095"	.111"	
1-7/8"		.065"	.072"	.090"	.105"	.120"	
2-3/8"		.065"	.072"	.095"	.115"	.130"	
2-7/8"				.110"	.125"	.160"	
3-1/2"						.160"	
4"					.145"	.160"	
6-5/8"							
8-5/8"							

WALL THICKNESS OF GALVANIZED HEAVY MIL COATED FRAMEWORK

FRAME-WORK DIAMETER	FRAMEWORK GAUGE						
	17 gauge	16 gauge	LG - 15	LG - 20	LG - 30	LG - 40	SCH. 40
1-3/8"	.055"		.072"				
1-5/8"				.085"		.111"	.140"
1-7/8"			.072"			.120"	.145"
2-3/8"				.095"		.130"	.154"
2-7/8"						.160"	.203"
3-1/2"							
4"						.160"	.226"
6-5/8"							.280"
8-5/8"							.322"

Additional Fence Solutions

Merchants Metals is one of the largest manufacturers and distributors of fence systems in the nation. Our complete line of fencing solutions for residential, commercial and industrial applications includes:

- Hot-Dipped Galvanized Chain Link
- Color Coated Chain Link
- Steel Ornamental in both Component and Fully-Welded Systems
- Aluminum Ornamental Systems
- Wood Fence
- PVC Fence
- Temporary Fence
- Aluminum Track Gates
- Access Control Products
- Guardrail
- Pre-hung Security Gates
- Welded Wire

All Merchants Metals products are available through professional fence contractors nationwide.

To find out more about Merchants Metals and the fencing solutions we offer, please call 866.888.5611 or visit www.merchantsmetals.com.



AIA Continuing Education



ORNAMENTAL



PVC



CHAIN LINK



WOOD



GATES



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