

Permafused[®] II Commercial Color Chain-Link Fence System



Permafused II, the new generation in color chain-link fence systems, offers unparalleled performance over ordinary systems, featuring a polyolefin coating.

REVOLUTIONARY COATING Excellent long-term adhesion between the galvanized steel substrate and the exterior coating without the need of a solvent based primer makes Permafused II environmentally friendly.

DURABLE Superior performance in highly corrosive environments provides years of protection and security.

UV RESISTANT Outstanding resistance to ultra violet light prevents premature fading and decay.

MAINTENANCE-FREE Extreme flexibility reduces susceptibility to cracking and chipping, even in changing weather conditions and it's high impact resistance reduces the chance of damage during product handling and installation.

CONFIDENCE 15-year limited warranty provides confidence and assurance that you've selected one of the best color chain-link fence systems available.

Meets ASTM F 668 Class 2b specification



Color Systems

Master Halco's Permafused II is the perfect choice for commercial property owners who need the strength and protection of a chain-link fence system plus an appearance that blends beautifully with the environment. Permafused II is the perfect choice for applications where security, protection from corrosion, and the durability that you would expect from a quality chain-link color system are important. For privacy, choose from different types of decorative polyethylene slats tinted to match the shades of Permafused II color chain-link systems.



Note: Due to manufacturing variances and limitations in the production process, colors may vary from this brochure. Contact Master Halco for actual color samples.

Material Specifications

Chain-Link Fabric

Type	Permafused II polyolefin fused and adhered to zinc-coated steel wire per ASTM F 668 Class 2b
Gauge	6, 9, 11 and 14 gauge galvanized core wire
Mesh*	3/8", 1/2", 5/8", 1", 1-1/4", 1-3/4" and 2"
Heights*	3', 42", 4', 5', 6', 7', 8', 10', 12', 16' and 20'
Selvage	Knuckled top and bottom up to 5' high, twisted and knuckled 6' to 20' high, except 1-1/4" mesh and smaller knuckled top and bottom

*Some mesh sizes and heights are special order and may require longer lead times.

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
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

Swing Gates

Fabric	Same mesh and gauge as chain-link selected
Framework	1-5/8" O.D. for gates up to 6' high or less 1-7/8" O.D. for gates over 6' high
or	2" Sq. steel tubular (2.60 lb./ft.) or 2" Sq. aluminum tubular (0.94 lb./ft.)

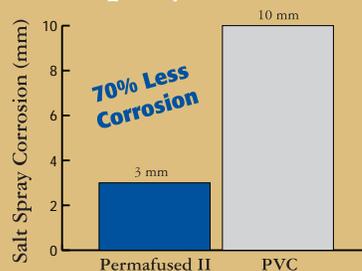
Framework

Type 1	Permafused II polyolefin, 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 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.
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 DQ 40 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 DQ 40 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 DQ 40 pipe (0.160" wall thickness, 4.64 lb./ft.)



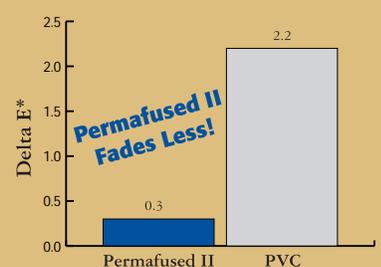
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Salt Spray Resistance



Level of corrosion under color coating after 1,000 hours of exposure to salt spray of scribed sample. Test conducted in compliance with ASTM B 117.

Fade Resistance



Based on 268 days of testing of black color samples in the Arizona sun.

*Delta E is a mathematical calculation that measures change in color based upon electronic readings of the LAB scale before and after submission to ultraviolet radiant exposure of 891,000 langley's.