



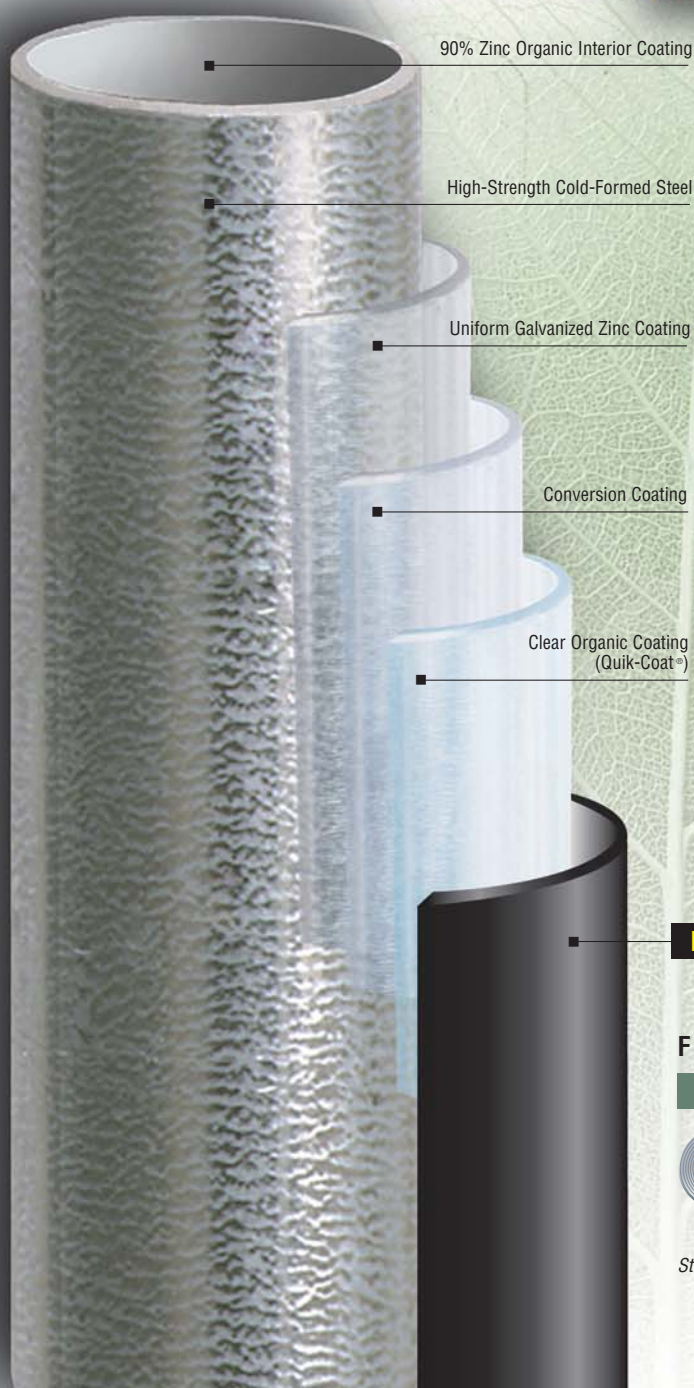
D O M E S T I C A L L Y M A N U F A C T U R E D

POLYKOTE®

Color Fence Framework



Flo-Coat® Layers of Protection



POLYKOTE®

Color Fence Framework

The Color of Quality

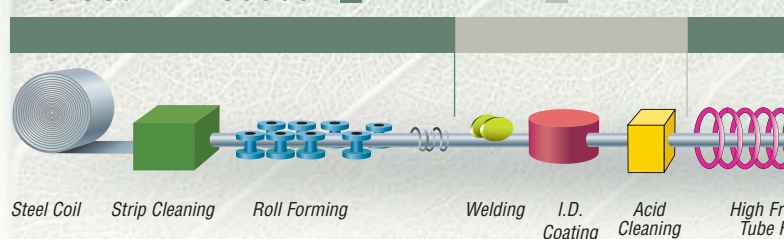
Residential POLYKOTE provides an excellent measure of physical security and adds value to any residence.

Commercial POLYKOTE affords strong, long-lasting protection in commercial installations. Its attractive finish complements any business location.

Recreational POLYKOTE blends well with recreational environments and provides superior protection against weathering and impact abuse.

POLYKOTE®

Flo-Coat® Process



Allied Tube & Conduit 1.800.882.5543

POLYKOTE®

allied
TUBE & CONDUIT

N M A N U F A C T U R I N G



Physical Properties POLYKOTE Color Fence Framework is manufactured from high tensile steel and cold-formed for exceptional strength.

Superior Corrosion Resistance After the Flo-Coat® process, a three mil coating of high-quality color polyester is applied and heat set.

Durable Finish The result is a durable finish that will retain its beauty for years to come, under even the most severe conditions.

Specification Compliance SS 20®, SS 30® and SS 40® POLYKOTE is manufactured in compliance with ASTM F1043. All square ornamental profiles are manufactured in compliance with ASTM 2408.

POLYKOTE Information

POLYKOTE Manufacturing Process:

- > Five stage wash & pre-treatment system, including a multi-metal phosphate conversion coating
- > Dry off oven
- > Electrostatic application of high-performance outdoor polyester powder
- > Infrared and conventional oven cure

POLYKOTE Test Performance:

- > Salt Spray Test as per ASTM B-117
- > Weatherometer as per ASTM G155
- > Adhesion as per ASTM D3359

Film Thickness of POLYKOTE:

- > 3 mils of high performance outdoor polyester

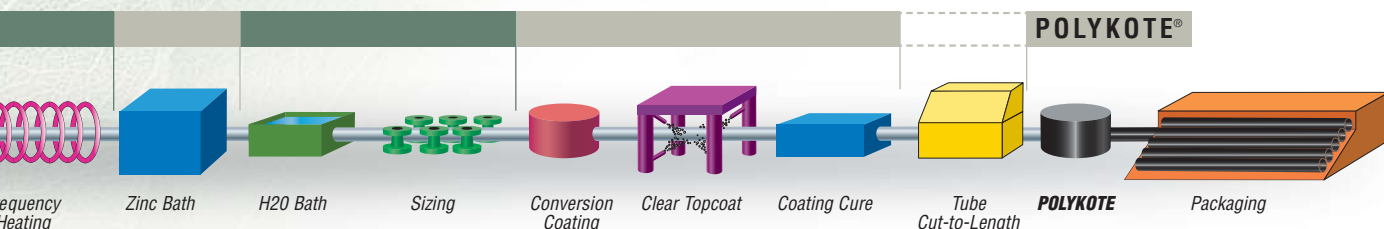
Warranty:

- > 15 years - POLYKOTE will not crack, blister, flake or craze under normal use

Environmentally Responsible Allied Tube & Conduit uses environmentally friendly powder and pretreatment chemicals. No toxic heavy metals, chlorinated organics or organic solvents are used in the production of POLYKOTE. POLYKOTE fence is recyclable.

Allied Tube & Conduit Corporation makes no warranties expressed or implied including warranty of merchantability or fitness for a particular purpose. The specifications, descriptions, information and illustrated materials herein are submitted solely for evaluation by others and since the use of its information is not within its control, Allied Tube & Conduit Corporation assumes no obligation or liability for such information and does not guarantee results from the use of said products or the information herein. Reference should be made to the original or primary source data along with standard accepted industry practice. The material herein is as of the date of publication and is subject to change without notice. For certification see contact information. © Allied Tube & Conduit Corporation

TECTION



Residential Tubing and Square Ornamental Profiles available.

SS 15™ Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft.)	Section Modulus (inches³)	Yield Strength (psi)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							4' Cantilever	6' Cantilever
1-5/8" O.D.	1.660	0.072	1.22	0.1367	50,000	6,835	142	95
1-7/8" O.D.	1.900	0.072	1.41	0.1821	50,000	9,104	190	126
2-3/8" O.D.	2.375	0.072	1.77	0.2911	50,000	14,556	303	202
Top Rail							10' Free Supported	
1-3/8" O.D.	1.315	0.072	0.96	0.0829	50,000	4,143	138	
1-5/8" O.D.	1.660	0.072	1.22	0.1367	50,000	6,835	228	
SS 20® Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft.)	Section Modulus (inches³)	Yield Strength (psi)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							6' Cantilever	
1-7/8" O.D.	1.900	.090	1.74	0.2212	50,000	11,060		154
2-3/8" O.D.	2.375	.095	2.32	0.3731	50,000	18,655		259
2-7/8" O.D.	2.875	.110	3.25	0.6364	50,000	31,820		442
Top Rail							10' Supported	
1-5/8" O.D.	1.660	.085	1.43	0.1576	50,000	7,880		263
SS 30® Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft.)	Section Modulus (inches³)	Yield Strength (psi)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							6' Cantilever	
1-7/8" O.D.	1.900	.105	2.01	0.2519	50,000	12,595		175
2-3/8" O.D.	2.375	.115	2.78	0.4402	50,000	22,006		306
2-7/8" O.D.	2.875	.125	3.66	0.7116	50,000	35,580		494
3-1/2" O.D.	3.500	.145	5.20	1.231	50,000	61,550		855
4" O.D.	4.000	.145	5.98	1.6338	50,000	81,690		1134
Top Rail							10' Free Supported	
1-5/8" O.D.	1.660	.095	1.59	.173	50,000	8,650		288
SS 40® Posts	Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft.)	Section Modulus (inches³)	Yield Strength (psi)	Bending Moment (lbs. in.)	Bending Strength (lbs.)	
							6' Cantilever	
1-7/8" O.D.	1.900	.120	2.28	0.2810	50,000	14,050		195
2-3/8" O.D.	2.375	.130	3.12	0.4881	50,000	24,405		339
2-7/8" O.D.	2.875	.160	4.64	0.8778	50,000	43,890		610
3-1/2" O.D.	3.500	.160	5.71	1.3408	50,000	67,040		931
4" O.D.	4.000	.160	6.56	1.7819	50,000	89,095		1237
Top Rail							10' Supported	
1-5/8" O.D.	1.660	.111	1.84	0.1961	50,000	9,805		327

15-Year Limited Warranty - POLYKOTE® Color Fence Framework is covered by a 15 Year Limited Warranty on defects in workmanship and materials to the original purchaser. No other implied or express warranties are extended. A copy of Allied's warranty is available upon request.

Inventory Locations: Harvey, IL / Philadelphia, PA / Phoenix, AZ

For information on Razor Ribbon® brand barbed tape products, please visit www.razorribbon.com

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CELEBRATING **50** YEARS

tyco

Electrical &
Metal Products

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MEMBER