

POLYKOTE Fence Framework

THE COLOR OF QUALITY

Allied Tube POLYKOTE Color Fence Framework offers customers a high quality alternative to galvanized finish framework.

Allied Tube POLYKOTE is manufactured to the same exacting standards as its other fence framework products. As a result, it can be installed with confidence.

Allied Tube POLYKOTE framework will maintain its attractive appearance, superior corrosion resistance and excellent durability, providing years of dependable service.

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.



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PHYSICAL PROPERTIES

POLYKOTE color fence framework is manufactured from high tensile steel and cold-formed for exceptional strength.

SUPERIOR CORROSION RESISTANCE

After the in-line galvanizing 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.

Physical Dimensions

Residential Sizes

Fence Industry O. D.	Decimal O.D. Equivalent (inches)	Gauge	Weight (lbs./ft.)
1-3/8"	1.315	17	0.740
1-5/8"	1.660	16	1.107
1-7/8"	1.900	16	1.274
2-3/8"	2.375	16	1.604

SPECIFICATION COMPLIANCE

SS20 and SS40 POLYKOTE fence pipe is manufactured in full compliance with ASTM F-1043.

Physical Dimensions and Strength Calculations

SS20 Pipe Sizes

Fence Industry O.D.	Decimal O.D. Equivalent		Pipe Wall Thickness		Weight		Minimum Yield Strength	Calculated Load (lbs.)		
								10' Free Supported	Cantilever	
	inches	(mm)	inches	(mm)	lb./ft.	(kg/m)	psi	4'	6'	
1-3/8"	1.315	33.40	.080	2.03	1.056	1.57	50,000	150	—	—
1-5/8"	1.660	42.16	.085	2.16	1.431	2.13	50,000	262	164	109
1-7/8"	1.900	48.26	.090	2.29	1.741	2.59	50,000	—	230	154
2-3/8"	2.375	60.33	.095	2.41	2.315	3.44	50,000	—	389	259
2-7/8"	2.875	73.03	.110	2.79	3.251	4.84	50,000	—	663	442
* 4"	4.000	101.60	.120	3.05	4.973	7.40	50,000	—	1435	957

*Call for availability of 4" O.D.

SS40 Pipe Sizes

Fence Industry O.D.	Decimal O.D. Equivalent		Pipe Wall Thickness		Weight		Minimum Yield Strength	Calculated Load (lbs.)		
								10' Free Supported	Cantilever	
	inches	(mm)	inches	(mm)	lb./ft.	(kg/m)	psi	4'	6'	
1-3/8"	1.315	33.40	.104	2.64	1.35	2.01	50,000	185	116	77
1-5/8"	1.660	42.16	.111	2.82	1.84	2.74	50,000	327	204	136
1-7/8"	1.900	48.26	.120	3.05	2.28	3.39	50,000	468	293	195
2-3/8"	2.375	60.33	.130	3.30	3.12	4.64	50,000	814	508	339
2-7/8"	2.875	73.03	.160	4.06	4.64	6.90	50,000	1463	914	610
3-1/2"	3.500	88.90	.160	4.06	5.71	8.50	50,000	2235	1397	931
4"	4.000	101.60	.160	4.06	6.56	9.76	50,000	2970	1856	1237

Call our Toll-free number for assistance:

1-800-882-5543

Visit our website at:

www.atcfence.com

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Electrical & Metal Products



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.