



# Calco Fence Supply

## Catalog

4568 Contractors Place  
Livermore, CA 94551



Calco Fence  
 4568 CONTRACTORS PLACE  
 Livermore, CA 94551  
 (925) 449-5081

## CHAIN LINK FABRIC

11 1/2 GA. (2 1/4" Mesh)



SOURCE #	SIZE	PRICE/Ft.
MH-55585	36"	
MH-55586	42"	
MH-55587	48"	
MH-55588	60"	
MH-55590	72"	

11 GA. (2" Mesh)



SOURCE #	SIZE	PRICE/Ft.
MH-54402	36"	
MH-54403	42"	
MH-54404	48"	
MH-54405	60"	
MH-54406	72"	
MH-54407	84"	
MH-54408	96"	
MH-54410	120"	
MH-54412	144"	

11 GA. (2" Mesh) CAL TRANS



SOURCE #	SIZE	PRICE/Ft.
MH-54418	72"	

9 GA. (2" Mesh)



SOURCE #	SIZE	PRICE/Ft.
MH-55402	36"	
MH-55403	42"	
MH-55404	48"	
MH-55405	60"	
MH-55406	72"	
MH-22460	84"	
MH-55464	96"	
MH-55466	120"	
MH-55469	144"	



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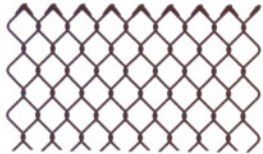
## CHAIN LINK FABRIC

9 GA. 2 oz. (2" Mesh)



SOURCE #	SIZE	PRICE/Ft.
00251	36"	
00252	42"	
00253	48"	
00254	60"	
00261	72"	
00262	84"	
00263	96"	
00264	120"	
00265	144"	

9 GA. (1 3/4" Mesh)



SOURCE #	SIZE	PRICE/Ft.
MH-54320	120"	
MH-54322	144"	

## COLORLINK

9 GA. EXT. VINYL (2" Mesh)



SOURCE #	SIZE	PRICE/Ft.
MH-513142	36"	
MH-513152	42"	
MH-513162	48"	
MH-513172	60"	
MH-513582	72"	
MH-513592	84"	
MH-513602	96"	
MH-513222	120"	
MH-513242	144"	

9 GA. EXT. VINYL (1 3/4" Mesh)



SOURCE #	SIZE	PRICE/Ft.
MH-513301	48"	
MH-513401	120"	
MH-513421	144"	

8 GA. EXT. VINYL (2" Mesh)



SOURCE #	SIZE	PRICE/Ft.
MH-514822	36"	
MH-514842	42"	
MH-514862	48"	
MH-514882	60"	
MH-514902	72"	
MH-514922	84"	
MH-514941	96"	
MH-514962	120"	
MH-514981	144"	



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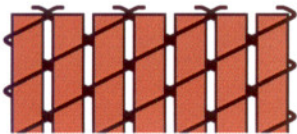
## BONDED CHAIN LINK

9 GA. CORE (2" Mesh) BONDED



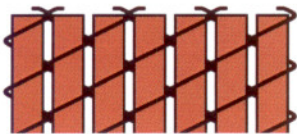
SOURCE #	SIZE	PRICE/Ft.
MH-485982	36"	
MH-485992	42"	
MH-486002	48"	
MH-486022	60"	
MH-486082	72"	
MH-486092	84"	
MH-486102	96"	
MH-486052	120"	
MH-486062	144"	

## WOODLINK



SOURCE #	SIZE	PRICE/Ft.
MH-505011	48"	
MH-50502	60"	
MH-505030	72"	
MH-505040	84"	
MH-50505	96"	
MH-50506	120"	
MH-50599	144"	

## PLASTICLINK

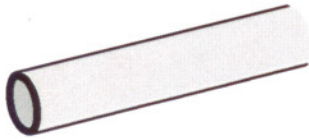


SOURCE #	SIZE	PRICE/Ft.
MH-50501	48"	
MH-50502	60"	
MH-50503	72"	
MH-50504	84"	
MH-50505	96"	
MH-510252	120"	
MH-505991	144"	



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## FULL WEIGHT PIPE



SOURCE #	SIZE	PRICE/Ft.
MH-31902	1 3/8"	
MH-33553	1 5/8"	
MH-33714	1 7/8"	
MH-33954	2 3/8"	
MH-34282	2 7/8"	
MH-34287	3 1/2"	
MH-34471	4"	
MH-34477	4 1/2"	
MH-34502	6 5/8"	
MH-34513	8 5/8"	

## FULL WEIGHT PIPE POSTS

SOURCE #	SIZE	PRICE/Ea.	SOURCE #	SIZE	PRICE/Ea.
P33553060	1 5/8" X 5'		P34282072	2 7/8" X 6'	
P33553066	1 5/8" X 5'6"		P34282084	2 7/8" X 7'	
P33553072	1 5/8" X 6'		P34282096	2 7/8" X 8'	
P33553084	1 5/8" X 7'		P34282108	2 7/8" X 9'	
P33553096	1 5/8" X 8'		P34282120	2 7/8" X 10'	
P33553108	1 5/8" X 9'		P34282126	2 7/8" X 10'6"	
P33553120	1 5/8" X 10'		P34282132	2 7/8" X 11'	
P33553126	1 5/8" X 10'6"		P34282144	2 7/8" X 12'	
P33553132	1 5/8" X 11'		P34282156	2 7/8" X 13'	
P33553144	1 5/8" X 12'		P34282168	2 7/8" X 14'	
			P34282180	2 7/8" X 15'	
P33714060	1 7/8" X 5'				
P33714066	1 7/8" X 5'6"		P34287072	3 1/2" X 6'	
P33714072	1 7/8" X 6'		P34287084	3 1/2" X 7'	
P33714084	1 7/8" X 7'		P34287096	3 1/2" X 8'	
P33714096	1 7/8" X 8'		P34287108	3 1/2" X 9'	
P33714108	1 7/8" X 9'		P34287120	3 1/2" X 10'	
P33714120	1 7/8" X 10'		P34287126	3 1/2" X 10'6"	
P33714126	1 7/8" X 10'6"		P34287132	3 1/2" X 11'	
P33714132	1 7/8" X 11'		P34287144	3 1/2" X 12'	
P33714144	1 7/8" X 12'		P34287156	3 1/2" X 13'	
			P34287168	3 1/2" X 14'	
			P34287180	3 1/2" X 15'	
P33954072	2 3/8" X 6'				
P33954084	2 3/8" X 7'		P34471072	4" X 6'	
P33954096	2 3/8" X 8'		P34471084	4" X 7'	
P33954108	2 3/8" X 9'		P34471096	4" X 8'	
P33954120	2 3/8" X 10'		P34471108	4" X 9'	
P33954126	2 3/8" X 10'6"		P34471120	4" X 10'	
P33954132	2 3/8" X 11'		P34471126	4" X 10'6"	
P33954144	2 3/8" X 12'		P34471132	4" X 11'	
P33954156	2 3/8" X 13'		P34471144	4" X 12'	
P33954168	2 3/8" X 14'		P34471156	4" X 13'	
P33954180	2 3/8" X 15'		P34471168	4" X 14'	
			P34471180	4" X 15'	



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## FULL WEIGHT PIPE POSTS

SOURCE #	SIZE	PRICE/Ea.	SOURCE #	SIZE	PRICE/Ea.
P34477072	4 1/2" X 6'		P34513072	8 5/8" X 6'	
P34477084	4 1/2" X 7'		P34513084	8 5/8" X 7'	
P34477096	4 1/2" X 8'		P34513096	8 5/8" X 8'	
P34477108	4 1/2" X 9'		P34513108	8 5/8" X 9'	
P34477120	4 1/2" X 10'		P34513120	8 5/8" X 10'	
P34477126	4 1/2" X 10'6"		P34513126	8 5/8" X 10'6"	
P34477132	4 1/2" X 11'		P34513132	8 5/8" X 11'	
P34477144	4 1/2" X 12'		P34513144	8 5/8" X 12'	
P34477156	4 1/2" X 13'		P34513156	8 5/8" X 13'	
P34477168	4 1/2" X 14'		P34513168	8 5/8" X 14'	
P34477180	4 1/2" X 15'		P34513180	8 5/8" X 15'	
P34502072	6 5/8" X 6'				
P34502084	6 5/8" X 7'				
P34502096	6 5/8" X 8'				
P34502108	6 5/8" X 9'				
P34502120	6 5/8" X 10'				
P34502126	6 5/8" X 10'6"				
P34502132	6 5/8" X 11'				
P34502144	6 5/8" X 12'				
P34502156	6 5/8" X 13'				
P34502168	6 5/8" X 14'				
P34502180	6 5/8" X 15'				



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## TENSION BAND

REGULAR



SOURCE #	SIZE	PRICE/Ea.
MH-10101	1 3/8"	
MH-10102	1 5/8"	
MH-10103	1 7/8"	
MH-10104	2 3/8"	
MH-10105	2 7/8"	
MH-10107	3 1/2"	
MH-10108	4"	
MH-10109	4 1/2"	

HEAVY



SOURCE #	SIZE	PRICE/Ea.
MH-10210	6 5/8"	
MH-10211	8 5/8"	

## BRACE BAND

REGULAR



SOURCE #	SIZE	PRICE/Ea.
MH-10301	1 3/8"	
MH-10302	1 5/8"	
MH-10303	1 7/8"	
MH-10304	2 3/8"	
MH-10305	2 7/8"	
MH-10307	3 1/2"	
MH-10308	4"	
MH-10309	4 1/2"	

HEAVY



SOURCE #	SIZE	PRICE/Ea.
MH-10410	6 5/8"	
MH-10411	8 5/8"	

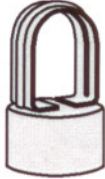


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## BRACE BANDS

SOURCE #	SIZE	PRICE/Ea.
MH-10310	1 7/8" 2-WAY 90 DEG.	
MH-10313	2 3/8" 2-WAY 90 DEG.	

## EYE-TOP PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
03196	1 5/8" X 1 3/8"	
MH-12252	1 5/8" X 1 5/8"	
03198	1 7/8" X 1 3/8"	
MH-12253	1 7/8" X 1 5/8"	
MH-12254	2 3/8" X 1 5/8"	
MH-12255	2 7/8" X 1 5/8"	

## PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-11601	1 3/8"	
MH-11602	1 5/8"	
MH-11603	1 7/8"	
MH-11604	2 3/8"	
MH-11605	2 7/8"	
MH-11607	3 1/2"	
MH-11608	4"	
MH-11609	4 1/2"	
MH-11610	6 5/8"	





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## RAIL-END

PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-12515	1 3/8"	
MH-12506	1 5/8"	
MH-12508	1 7/8"	
MH-12510	2 3/8"	
MH-12507	1 5/8" 2 HOLE RAIL-END	
MH-12509	1 7/8" 2 HOLE RAIL-END	

## BARB WIRE ARM BASE

PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-12881	1 5/8" X 1 5/8"	
MH-12882	1 7/8" X 1 5/8"	
MH-12883	2 3/8" X 1 5/8"	
MH-12884	2 7/8" X 1 5/8"	

## HOLDING BRACKET

BARB WIRE EXTENSION ARM



SOURCE #	SIZE	PRICE/Ea.
MH-13125	UNIVERSAL	

## BARB WIRE EXTENSION ARM



SOURCE #	SIZE	PRICE/Ea.
MH-13155	UNIVERSAL	



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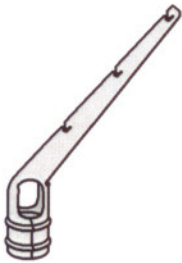
## BARB WIRE ARM

UPRIGHT PRESSED STEEL



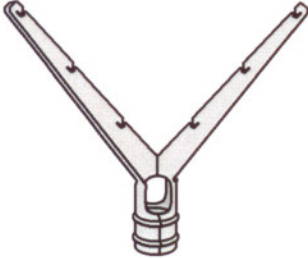
SOURCE #	SIZE	PRICE/Ea.
MH-12891	1 5/8" X 1 5/8"	
MH-12892	1 7/8" X 1 5/8"	
MH-12893	2 3/8" X 1 5/8"	

45 Deg. PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-13131	1 5/8" X 1 3/8"	
MH-13107	1 5/8" X 1 5/8"	
MH-13108	1 7/8" X 1 5/8"	
MH-13109	2 3/8" X 1 5/8"	

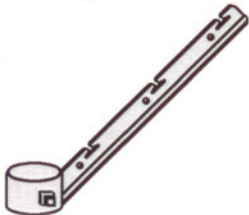
V ARM PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-13121	1 7/8" X 1 5/8"	
MH-13122	2 3/8" X 1 5/8"	

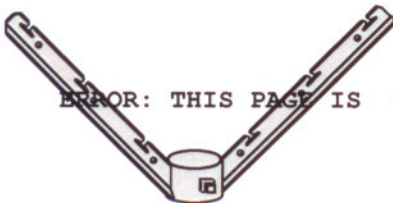
## CORNER BARB WIRE ARM

PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-13380	2 3/8"	
MH-13381	2 7/8"	
MH-13383	4"	

V ARM PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-13390	2 3/8"	
MH-13391	2 7/8"	

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### SLEEVE



SOURCE #	SIZE	PRICE/Ea.
MH-12601	1 3/8"	
MH-12602	1 5/8"	
MH-12604	1 7/8"	

### TRUSS ROD

3/8"



SOURCE #	SIZE	PRICE/Ea.
MH-17901	10'6"	
MH-17903	12'	
MH-17950	20'	

### TIGHTENER



SOURCE #	SIZE	PRICE/Ea.
MH-18150	RES. TRUSS ROD	
MH-18101	IND. TRUSS ROD	

### TENSION BAR

3/16" X 5/8"



SOURCE #	SIZE	PRICE/Ea.
MH-13601	34"	
MH-13602	40"	
MH-13603	46"	
MH-13604	58"	
MH-13605	70"	

3/16" X 3/4"



SOURCE #	SIZE	PRICE/Ea.
MH-13701	34"	
MH-13702	40"	
MH-13703	46"	
MH-13704	58"	
MH-13705	70"	
MH-13706	82"	
MH-13707	94"	
MH-13709	118"	
MH-13710	142"	



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## CARRIAGE BOLT



SOURCE #	SIZE	PRICE/Ea.
MH-10701	5/16" X 1 1/4"	
MH-10702	5/16" X 1 1/2"	
MH-10715	5/16" X 2"	
MH-10703	3/8" X 1 1/4"	
MH-10704	3/8" X 1 1/2"	
MH-10706	3/8" X 2"	
MH-10707	3/8" X 2 1/4"	
MH-10708	3/8" X 2 1/2"	
MH-10710	3/8" X 3"	
MH-10712	3/8" X 3 1/2"	

## ANCHOR BOLT

FASTENER

SOURCE #	SIZE	PRICE/Ea.
MH-10748	1/2" X 3"	

## TEK SCREW



SOURCE #	SIZE	PRICE/Ea.
MH-23660	3/4"	

## TIE WIRE

11 GA. STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-23572	6 1/2"	
MH-23574	8 1/4"	
MH-23576	10 1/2"	

9 GA. STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-23583	6 1/2"	
MH-23584	8 1/4"	



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## HOG RING



SOURCE #	SIZE	PRICE/Lb.
MH-23602	9 GA. STEEL	

## COIL SPRING GALVANIZED



SOURCE #	SIZE	PRICE/Ft.
MH-023541	7 GA.	

## BARB WIRE



SOURCE #	SIZE	PRICE/Ft.
03584	2 PT. GALVANIZED	
03586	4 PT. DOMESTIC	
03587	4 PT. IMPORT	

## BARBED OBSTACLE WIRE



SOURCE #	SIZE	PRICE/COIL
MH-13515	18" DIA.	
MH-13514	24" DIA.	
MH-13525	24"/30" DBL CL	
MH-13527	36" COIL	



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## FENCE INSERTS

PDS PRIVACY SLAT 11 GA.



SOURCE #	SIZE	PRICE/BAG
MH-201692	36"	
MH-201702	42"	
MH-201712	48"	
MH-201722	60"	
MH-201732	72"	
MH-201742	84"	
MH-201752	96"	
MH-201772	120"	
MH-201792	144"	

PDS PRIVACY SLAT 9 GA.



SOURCE #	SIZE	PRICE/BAG
MH-202692	36"	
MH-202702	42"	
MH-202712	48"	
MH-202722	60"	
MH-202732	72"	
MH-202742	84"	
MH-202752	96"	
MH-202772	120"	
MH-202792	144"	



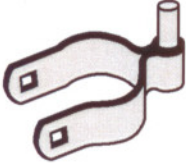
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## FEMALE HINGE



SOURCE #	SIZE	PRICE/Ea.
MH-14104	1 3/8" REGULAR	
MH-14105	1 5/8" HEAVY	
MH-14106	1 7/8" HEAVY	

## MALE HINGE



SOURCE #	SIZE	PRICE/Ea.
MH-14302	1 3/8" REGULAR	
MH-14312	1 5/8" REGULAR	
MH-14326	1 7/8" REGULAR	
MH-14328	2 3/8" REGULAR	
MH-14304	1 5/8" HEAVY	
MH-14306	1 7/8" HEAVY	
MH-14308	2 3/8" HEAVY	
MH-14310	2 7/8" HEAVY	

## HANGER BOLT



SOURCE #	SIZE	PRICE/Ea.
MH-13903	5/8" X 4 1/2"	
MH-13904	5/8" X 6"	
MH-13905	5/8" X 10"	
MH-13906	5/8" X 12"	

## LAG SCREW HINGE



SOURCE #	SIZE	PRICE/Ea.
MH-13802	5/8" X 4 1/2"	
MH-13803	5/8" X 6"	



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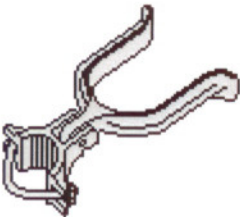
## GATE FORK LATCH

REGULAR



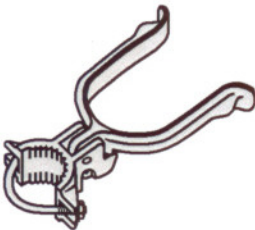
SOURCE #	SIZE	PRICE/Ea.
MH-16703	1 3/8" X 1 3/8"	
MH-16704	1 3/8" X 1 7/8"	
MH-16705	1 3/8" X 2 3/8"	
MH-16706	1 3/8" X 2 7/8"	

HEAVY DUTY



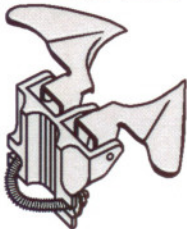
SOURCE #	SIZE	PRICE/Ea.
MH-16756	1 5/8" X 1 7/8"	
MH-16757	1 5/8" X 2 3/8"	
MH-16758	1 5/8" X 2 7/8"	
MH-16759	1 5/8" X 4"	

MALLEABLE IRON



SOURCE #	SIZE	PRICE/Ea.
MH-16604	1 5/8" X 1 7/8"	
MH-16605	1 5/8" X 2 3/8"	
MH-16606	1 5/8" X 2 7/8"	
MH-16607	1 5/8" X 4"	
MH-16613	1 7/8" X 2 3/8"	
MH-16608	1 7/8" X 2 7/8"	
MH-16609	1 7/8" X 4"	

## BUTTERFLY LATCH



SOURCE #	SIZE	PRICE/Ea.
MH-17303	1 3/8" X 1 7/8"	
MH-17304	1 3/8" X 2 3/8"	
MH-17306	1 5/8" X 1 7/8"	
MH-17307	1 5/8" X 2 3/8"	





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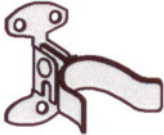
## FLAT BACK LATCH

BUTTERFLY



SOURCE #	SIZE	PRICE/Ea.
MH-17310	1 3/8"	

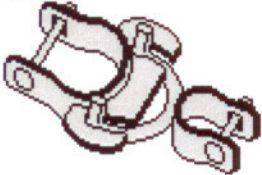
FORK



SOURCE #	SIZE	PRICE/Ea.
MH-16710	1 3/8"	

## GATE CLOSER

GRAVITY

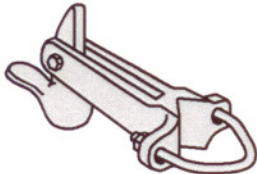


SOURCE #	SIZE	PRICE/Ea.
MH-17501	1 7/8" X 1 3/8"	
MH-17502	2 3/8" X 1 3/8"	

SOURCE #	SIZE	PRICE/Ea.
04328	KANT SLAM	

## GATE KEEPER

MALLEABLE IRON



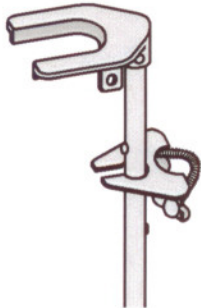
SOURCE #	SIZE	PRICE/Ea.
MH-15901	1 5/8"	



Calco Fence  
 4568 CONTRACTORS PLACE  
 Livermore, CA 94551  
 (925) 449-5081

## DROP ROD ASSEMBLY

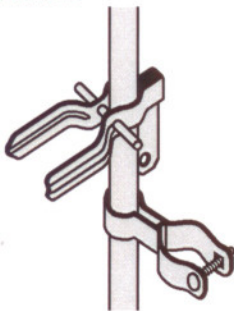
EZ LATCH



SOURCE #	SIZE	PRICE/Ea.
MH-16901	1 3/8" X 36"	
MH-16902	1 3/8" X 42"	

## DROP ROD ASSEMBLY

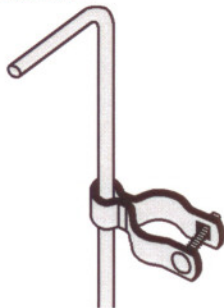
INDUSTRIAL



SOURCE #	SIZE	PRICE/Ea.
MH-17217	1 5/8"	
MH-17218	1 7/8"	
MH-17213	1 5/8" FORK ONLY	
MH-17214	1 7/8" FORK ONLY	
MH-17211	1 5/8" GUIDE ONLY	
MH-17212	1 7/8" GUIDE ONLY	

## CANE & LATCH ASSEMBLY

RESIDENTIAL



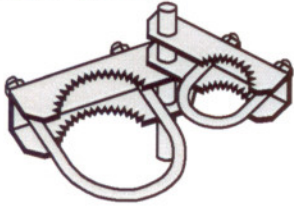
SOURCE #	SIZE	PRICE/Ea.
04020	1 3/8" X 36"	



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## INDUSTRIAL HINGE

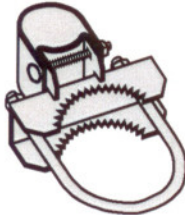
PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-15601	2 3/8" X 1 5/8" or 1 7/8"	
MH-15603	2 7/8" X 1 5/8" or 1 7/8"	
MH-15604	3 1/2" X 1 5/8" or 1 7/8"	
MH-15605	4" X 1 5/8" or 1 7/8"	
MH-15606	4 1/2" X 1 5/8" or 1 7/8"	
MH-15607	6 5/8" X 1 5/8" or 1 7/8"	
MH-15609	8 5/8" X 1 5/8" or 1 7/8"	

## BULL DOG HINGE

PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-15671	2 3/8" X 1 5/8" or 1 7/8"	
MH-15672	2 7/8" X 1 5/8" or 1 7/8"	
MH-15674	4" X 1 5/8" or 1 7/8"	
MH-15675	4 1/2" X 1 5/8" or 1 7/8"	
MH-15676	6 5/8" X 1 5/8" or 1 7/8"	

## PLUG



SOURCE #	SIZE	PRICE/Ea.
MH-15719	1 5/8"	
MH-15720	1 7/8"	

## ADAPTER

180 DEG. HINGE



SOURCE #	SIZE	PRICE/Ea.
MH-15715	1 5/8" or 1 7/8"	

## BALL & SOCKET HINGE

MALLEABLE

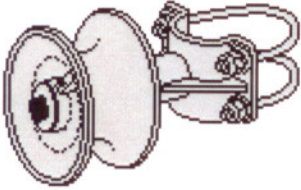
SOURCE #	SIZE	PRICE/Ea.
03979	4" X 1 5/8" or 1 7/8"	
03981	6 5/8" X 1 5/8" or 1 7/8"	
03983	8 5/8" X 1 5/8" or 1 7/8"	



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## CANTILEVER GATE ROLLER

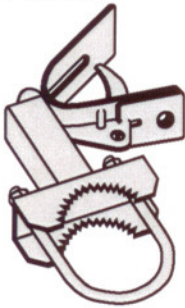
LOADMASTER



SOURCE #	SIZE	PRICE/Ea.
MH-18387	4" X 2 3/8"	

## CANTILEVER GATE LATCH

PRESSED STEEL



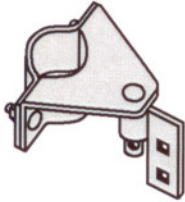
SOURCE #	SIZE	PRICE/Ea.
MH-17373	1 5/8" or 1 7/8" X 2 7/8"	
MH-17374	1 5/8" or 1 7/8" X 4"	



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## ROLO LATCH

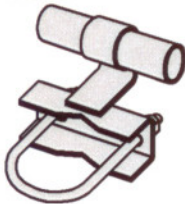
PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-17412	1 5/8" X 1 7/8"	
MH-17413	1 5/8" X 2 3/8"	
MH-17414	1 5/8" X 2 7/8"	
MH-17410	1 5/8" (w/o Bands)	
MH-17423	1 7/8" X 2 3/8"	
MH-17424	1 7/8" X 2 7/8"	
MH-17420	1 7/8" (w/o Bands)	

## PIPE TRACK BRACKET

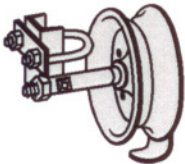
SAFE-T LINE



SOURCE #	SIZE	PRICE/Ea.
MH-18561	1 5/8" or 1 7/8" X 1 5/8"	
MH-18562	2 3/8" or 2 7/8" X 1 5/8"	
MH-18562	4" X 1 5/8"	

## REAR WHEEL ASSEMBLY

PRESSED STEEL



SOURCE #	SIZE	PRICE/Ea.
MH-18422	1 5/8" or 1 7/8"	

MALLEABLE IRON

SOURCE #	SIZE	PRICE/Ea.
MH-18442	1 5/8" or 1 7/8"	

ELITE

SOURCE #	SIZE	PRICE/Ea.
04181	1 5/8" or 1 7/8"	



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## DOUBLE-WHEEL ASSEMBLY

RESIDENTIAL



SOURCE #	SIZE	PRICE/Ea.
MH-18331	6" DIA.	

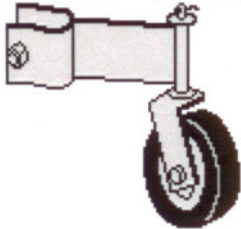


SOURCE #	SIZE	PRICE/Ea.
MH-18341	8" DIA. HEAVY DUTY	
MH-18344	8" DIA. ROUGH N' READY	
MH-18273	V-GROOVE	

## SINGLE-WHEEL ASSEMBLY

SOURCE #	SIZE	PRICE/Ea.
MH-18202	8" DIA. 1 5/8" FRAME	
MH-18204	8" DIA. 1 7/8" FRAME	
MH-18271	V-GROOVE	
04113	6" ELITE V-GROOVE	

## SWIVEL WHEEL



SOURCE #	SIZE	PRICE/Ea.
MH-18361	1 3/8"	
MH-18362	1 5/8"	
MH-18363	1 7/8"	



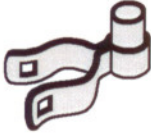
Calco Fence  
4568 CONTRACTORS PLACE  
Livermore, CA 94551  
(925) 449-5081

## KENNEL SAFE-T LATCH



SOURCE #	SIZE	PRICE/Ea.
MH-16550	1 3/8" X 1 3/8"	

## KENNEL SAFE-T HINGE



SOURCE #	SIZE	PRICE/Ea.
MH-14451	1 3/8" X 1 3/8"	

**World Safest...**



Endorsed by Laurie Lawrence, former Australian Olympic Swimming Coach and leading child water safety advocate

Independently tested to meet Pool Barrier Safety Codes

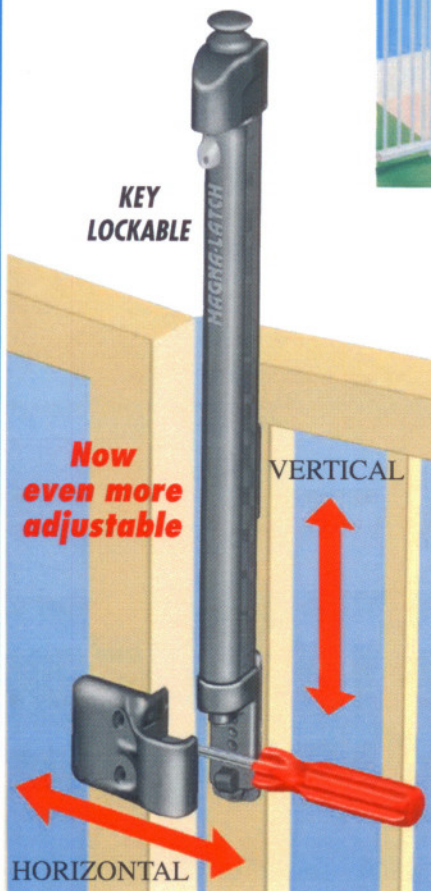
*Series 2*

**MAGNA-LATCH®**  
MAGNETIC SAFETY GATE LATCH

- Now adjusts horizontally *and* vertically
- Now with unique "Quick-Slide" mounting brackets for fast alignment
- Now 20% stronger construction
- Now even quicker & easier to install
- Now with high-tech, self-drilling screws
- Now safe & easy "gate gap" adjustment



MAGNA-LATCH



**Features**

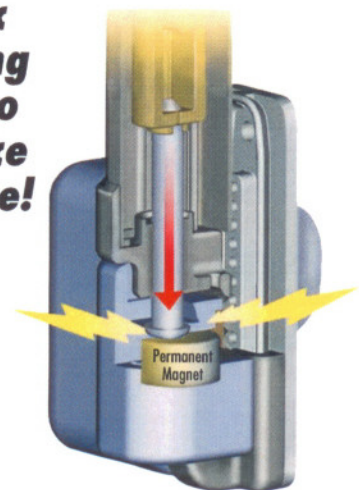
- Patented magnetic self-latching
- Exceeds international barrier/safety codes
- Quality molded polymers & stainless steel
- Key lockable (Top Pull & Vertical Pull)
- Quality Assurance ISO 9001 manufacturer
- Engineered for ease of installation
- Latches in the "locked" position
- Won't disengage from shaking & pulling
- Unprecedented adjustability
- Tested to 400,000 cycles

**Benefits**

- No mechanical jamming during closure
- Unprecedented reliability & safety
- No rust, binding or staining
- Added safety and peace-of-mind
- Lifetime warranty
- Reduced installation time (costs)
- Exceptional safety & reliability
- Exceptional safety & reliability
- Easy to install and maintain
- Proven to last the test of time



**Magnetic triggering means no resistance to closure!**



Quality System  
Quality Endorsed Company  
ISO 9001



METAL GATE  
Top Pull model



WOOD GATE  
Top Pull model



VINYL GATE  
Vertical Pull model



CHAINLINK GATE  
Top Pull model



THE 'SERIES 2' latches carry all the unique qualities of the original MAGNA•LATCH: no mechanical resistance to closure, strong and reliable, key lockable, safety code compliant...

The world's safest gate latch just became even safer...and more adaptable and durable!

The 'Series 2' Magna•Latch has been re-designed for supreme reliability and installation convenience. Not only does it look more stylish and modern, it's notably stronger, fits to a wider range of gates and is significantly more adjustable than previous designs.

Importantly, the Series 2 latches (TP and VP models only) offer **unprecedented horizontal and vertical adjustment**. The latch can now be adjusted at *any time* during or after installation to help overcome gate sag or natural ground movement.

Vertical adjustment is quick and easy because the latch body now slides up and down dovetail-style tracks for easier, sturdier installation.

Horizontal adjustment is achieved by adjusting a screw within the 'Striker Body', so that the striker can be adjusted across gaps of between  $\frac{3}{8}$ "- $1\frac{7}{16}$ " (9-37mm).

The Striker Body is secured to the gate using five screws (instead of the older two-screw fixing), giving the latches extra impact resistance and durability on larger gates and also against heavy pedestrian traffic.

## MAGNA•LATCH



### Pet Security Gate Latch

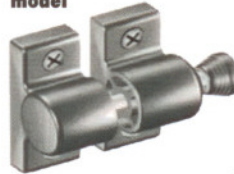
MAGNA•LATCH is also suitable for house and garden gates where pet security and pet access control are important.



Prevent pets from escaping and deter intruders like this from reaching them ▶



**SIDE PULL model**

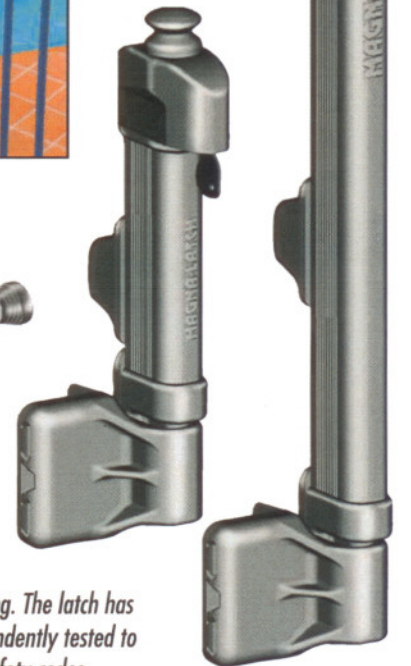


*MAGNA•LATCH has been tested to more than 400,000 cycles. Most swimming pool barrier codes require gates to be self-closing and self-latching. The latch has been designed and independently tested to meet strict international safety codes.*

**TOP PULL model**



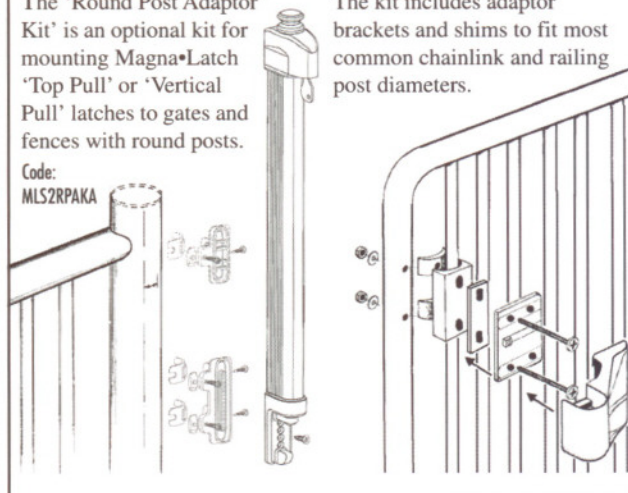
**VERTICAL PULL model ("PET LATCH" model)**



### ROUND POST ADAPTOR KIT

The 'Round Post Adaptor Kit' is an optional kit for mounting Magna•Latch 'Top Pull' or 'Vertical Pull' latches to gates and fences with round posts.

Code: MLS2RPAKA



The kit includes adaptor brackets and shims to fit most common chainlink and railing post diameters.

Post diameters:  $1\frac{7}{8}$ " (48mm), 2" (50mm),  $2\frac{3}{8}$ " (60mm),  $2\frac{7}{8}$ " (73mm)  
Gate diameters:  $1\frac{3}{8}$ " (35mm),  $1\frac{5}{8}$ " (41mm),  $1\frac{7}{8}$ " (48mm), 2" (50mm)

*Series 2*  
**MAGNA-LATCH®**  
MAGNETIC SAFETY GATE LATCH

*Quick and easy installation*

Detailed fitting instructions included inside product packaging



Ideal for Child Safety Areas

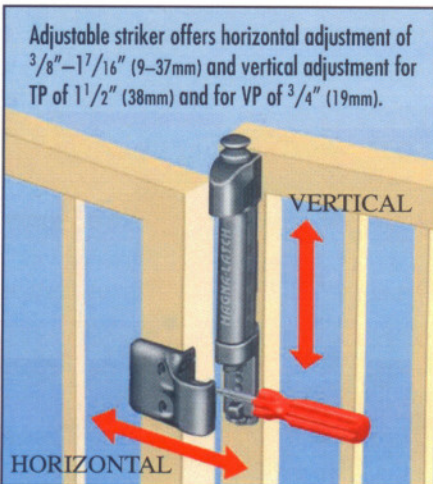
**INSTALLATION REQUIREMENTS**

(Top Pull & Vertical Pull models)

For swimming pool and other child safety gates, most Barrier Codes and Standards specify the following requirements above the finished ground/fixing surface:

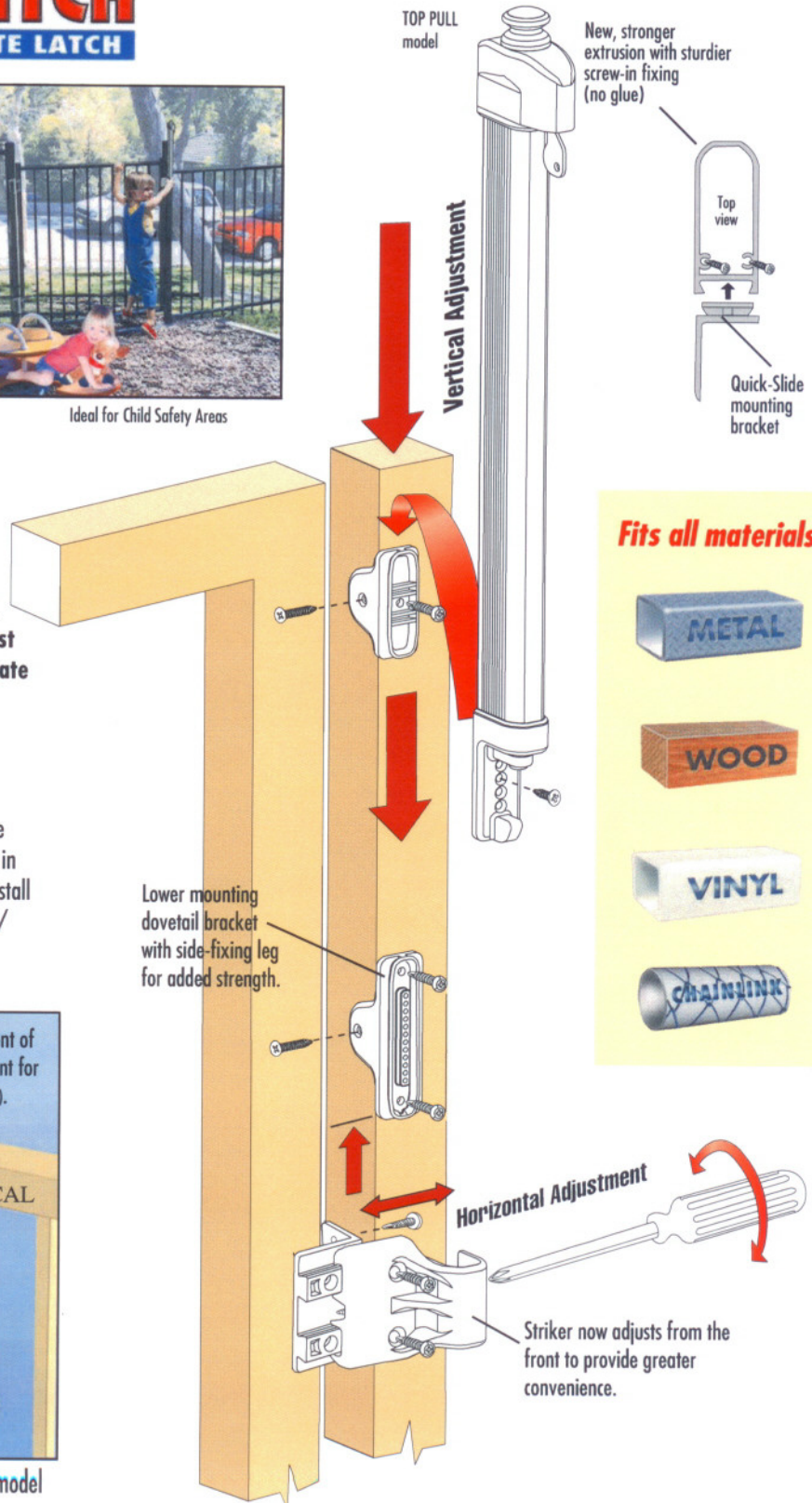
- The pool gate must open outward, away from the pool, so the latch must be fitted to the *outside* of the pool gate
- The latch release knob is to be at least 60" (1500mm) high
- Fence height to be minimum 48" (1200mm) off ground

Always confirm these requirements with the appropriate local pool or safety authorities in your area, as regulations may vary, and install the latch in accordance with the local fence/barrier regulations.

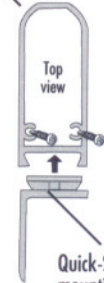


Adjustable striker offers horizontal adjustment of  $\frac{3}{8}$ " -  $\frac{17}{16}$ " (9-37mm) and vertical adjustment for TP of  $1\frac{1}{2}$ " (38mm) and for VP of  $\frac{3}{4}$ " (19mm).

Vertical Pull model



New, stronger extrusion with sturdier screw-in fixing (no glue)



Quick-Slide mounting bracket

**Fits all materials**



# THE IDEAL PRIVACY GATE LATCH

and **SECURITY**

**LOKK•LATCH® PRO**



- Can be keyed-alike to most household doors
- Fits externally (no more welding)
- 6-pin security lock
- Stainless Steel components



**No more welding expensive lockboxes!**

The new Lokk•Latch PRO is the most sophisticated **privacy and security gate latch** ever devised. It is the “privacy” latch fencing contractors have been waiting for!

This quality, two-part latch can be operated and locked from either side of the gate, and can be conveniently keyed-alike to most household doors by way of a 6-pin security lock.

This stylishly designed latch is manufactured from molded, rust-free polymer materials and marine-grade stainless steel components. This ensures a robust, high-impact product designed to withstand the rigors of everyday use – not to mention a uniquely designed latch tongue that guarantees smooth, reliable closure. *continued...*

- **Heavy Duty**
- **Stylish Design**



**Fits all materials**



## Features

- Tough, glass-reinforced polymer construction
- Key lockable latch
- Stainless steel tongue
- Two different models
- Quality Assurance ISO 9001 manufacturer
- Engineered for ease of installation
- External Push-Button Access

## Benefits

- Strong & 100% rust free
- No more padlocks
- Smooth, reliable latching action
- Adapts to different gate materials
- Lifetime warranty
- Quick & easy to install
- Opens & locks from either side of the gate



LOKK•LATCH PRO

The new look in gravity latching systems

# LOKK•LATCH®

LOCKABLE, GENERAL-PURPOSE GATE LATCH



## A HOUSE GATE LATCH WITH STYLE

AT LAST there's a general-purpose gravity latch that's key-lockable *and* stylishly designed. From the designers of the revolutionary Magna•Latch® and Tru•Close® gate hinges comes the highly innovative LOKK•LATCH®, a superior but affordable pedestrian gate latch.

LOKK•LATCH takes a radical new approach to the gravity latch principle and combines the benefits of key-lockability and reliable latching action with sleek design and 100% rust-free components.

Modern styling and the highest-quality molded and stainless steel components make LOKK•LATCH the most exciting general-purpose gate latch in years.

The optional 'External Access Kit' allows latch operation from outside the gate, but note that locking the push-button does *not* "lock" the main latch. (For enhanced security and privacy, see the new LOKK-Latch "PRO".)



All latches can be fitted to left- or right-hinged gates. System 1 is designed for iron and aluminum materials. System 2 is ideal for vinyl, wood, brick and larger metal posts. System 3 can be used on all materials and is more versatile due to its shorter side-fixing legs.

**Optional Kit...**  
**External Access Kit**  
Lockable push-button operates latch from **outside the fence.**



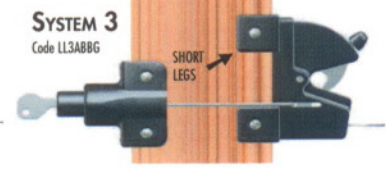
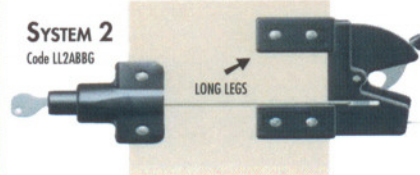
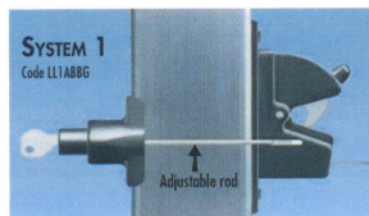
Key-lockable convenience

### Features

- Tough, glass-reinforced polymer construction
- Key lockable latch
- Stainless steel tongue
- Three different models
- Quality Assurance ISO 9001 manufacturer
- Engineered for ease of installation
- Optional 'External Access Kit'

### Benefits

- Strong & 100% rust free
- No more padlocks
- Smooth, reliable latching action
- Adapts to different gate materials
- Lifetime warranty
- Quick & easy to install
- Open latch from outside the gate



LOKK•LATCH

**WORLD'S  
BEST GATE  
HINGES**

**TRU•CLOSE**<sup>®</sup>  
ADJUSTABLE, SELF-CLOSING GATE HINGES

- NO RUST**
- NO BINDING**
- NO SAGGING**
- NO STAIN**

**QUALITY GATE HINGES MADE TO LAST**

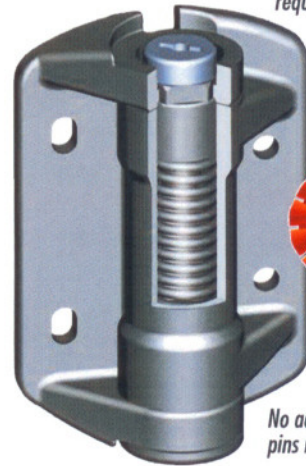
TRU•CLOSE safety gate hinges are molded from special glass-fiber reinforced polymer materials. These UV-stabilized materials provide strong, rust-free hinges that won't bind, sag or stain! And they *never* require lubrication. The unique, spring-loaded adjustor within most TRU•CLOSE hinges allows instant incremental tension adjustment using only a screwdriver. Quick, easy and safe! Gates of different sizes and weights incur different loads, so the ability to adjust tension quickly is critical, especially in child safety areas. TRU•CLOSE hinges come in 'Regular' and 'Heavy Duty' models to fit most gate sizes and all gate materials.

**PATENTED  
TENSION  
ADJUSTMENT!**



- Simply remove endcap
- Depress and turn internal adjustor as required

**Meets  
Pool Barrier  
Codes**



**LIFETIME  
WARRANTY**

No adjustor pins required

**Features**

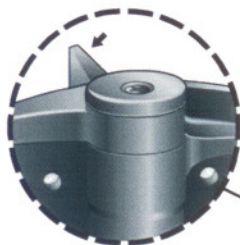
- Molded, reinforced polymer construction
- Unique, patented tension adjustment
- Internal stainless steel spring closer
- Weather-resistant, "self-lubricating" materials
- Regular & Heavy Duty hinge ranges
- Alignment Legs (for extra fitting strength)
- Quality Assurance ISO 9001 manufacturer
- Tested to 50,000 cycles (Reg.), 200,000 (HD)

**Benefits**

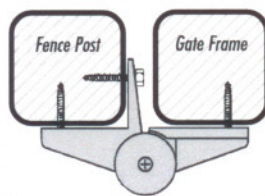
- NO rust, binding, sagging or staining!
- Quick, easy and safe adjustment
- No need for unsightly external spring
- Smooth, even closure. No lubricating.
- Models to fit all gates & applications
- Models to fit all gate materials
- Lifetime warranty
- Proven to last the test of time

**MODEL DESIGN OPTIONS**

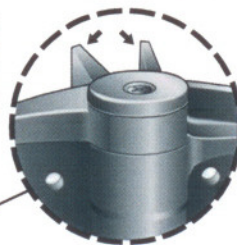
**OPTIONAL  
Single LEG (L1)**



**ALIGNMENT LEGS ("L" models)**  
'QUIK-FIT' Alignment Legs for fast installation and added fitting strength. Available with two legs or one leg models.



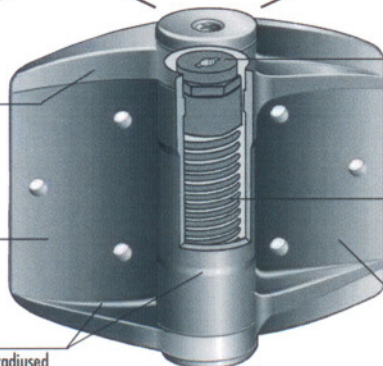
**OPTIONAL  
2 LEGS (L2)**



**REINFORCING RIBS**  
Molded ribs provide superior torsional and lateral leaf strength

**STYLISH 'FLAT' FINISH**  
Textured black or white finish gives a stylish, modern look

**STRENGTH & STYLE**  
Subtle design features such as radiused corners and waisting provides strength and attractive design.



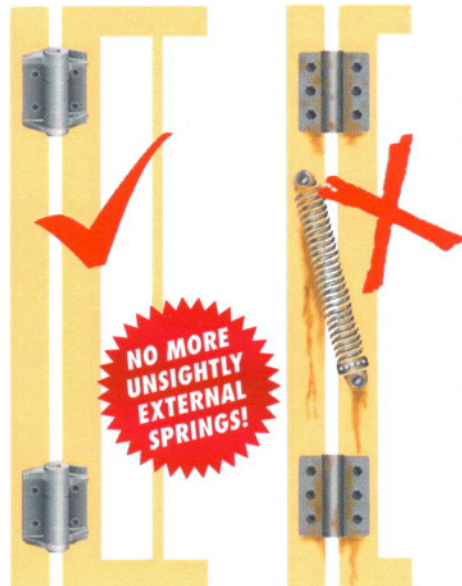
**PATENTED ADJUSTOR**  
Depress for tension. Rises back into sleeve to retain tension.

**INTERNAL STAINLESS STEEL SPRING**  
Provides even closing tension for gates.

**MOLDED HINGE BODY**  
Strong & rust-free. UV-stabilized polymers with glass-fiber reinforcement.

**TRU•CLOSE SYSTEM**

**OLD-FASHIONED EXTERNAL SPRING**



**TRU•CLOSE = REDUCED COSTS & INCREASED SAFETY**

With TRU•CLOSE there is no need to pay for or install any other external closing mechanism. It's also safer to adjust and safer for children.

TRU•CLOSE

## REGULAR RANGE RESIDENTIAL – Light to medium weight pool & house gates



**TCP**  
Light gates



**TCA1-MK2**



**TCA1L2-MK2**



**TCA2**



**TCA2-L2**

**COLORS:** All hinges available in BLACK and WHITE.

**GAP VARIANCE:** L2 models, fixed at 11/16". TCAs (no legs), from 1/4"–7/8".



**TCA3**



**TCA3-L2**

### MATERIALS



### SPECIFICATIONS

#### REGULAR RANGE ('TCA' models)

**Applications:** Most pool & household gates.  
**Load rating:** 55lb (25kg) gate per pair (based on max. gate size 5'Hx3'W (1524x915mm) with max. spacing between hinges).  
**Point load:** 300lb at 31" from pivot point of hinges.  
**Cycle rating:** 50,000 cycles.  
**Tension:** Adjustable. Patented mechanism.  
**Requirements:** No countersinking or lubricating.  
**Manufacturing:** Injection-molded polymers. UV stabilized.  
**Mount style:** Flat, face-fixed to gate & fence.  
**Opening:** 180°. ('GATE STOP' REQUIRED.)  
**Spring:** Stainless steel, torsion type.  
**Internal fixings:** Stainless steel & brass.  
**Fixing holes:** 7/32" (6mm).

#### REGULAR RANGE ('TCP' model)

**Applications:** Lightweight gates & doors.  
**Load rating:** 22lb (10kg) gate per pair (based on max. gate size 5'Hx3'W (1524x915mm) with max. spacing between hinges).  
**Spring:** None. Plain pivoting style.

## HEAVY DUTY RANGE RESIDENTIAL/COMMERCIAL – Heavy, large, high-traffic gates



**TCHD1A**

**TCHD1A-L1**

**TCHD1A-L2**



**TCHD1**

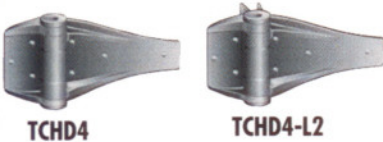
**TCHD1-L1**

**TCHD1-L2**



**TCHD2-L2**

**TCHD2-L1S**



**TCHD4**

**TCHD4-L2**



**TCHD5**

**COLORS:** All hinges available in BLACK. Contact us for WHITE model availability.

**GAP VARIANCE:** L2 models, fixed at 3/4". TCHDs (no legs or 1 leg), from 1/4"–1". TCHDMA1, from 5/8"–1 3/8". TCHDRND1, variable according to post size.



**TCHDMA1**



**TCHDRND1**



**TCHDRND2**



### REGULAR RANGE ▲

- Fits gates to 55lb (25kg)
- 300lb (136kg) point load
- Tested to 50,000 cycles

### HEAVY DUTY RANGE ▼

- Fits gates to 132lb (60kg)
- 700lb (318kg) point load
- Tested to 200,000 cycles

#### HEAVY DUTY RANGE ('TCHD' models)

**Applications:** Heavier, larger gates. High traffic areas.  
**Load rating:** 132lb (60kg) gate per pair (based on max. gate size 6'Hx4'W (1830x1220mm) with maximum spacing between hinges).  
**Point load:** 700lb at 44" (1.12m) from pivot point of hinge.  
**Cycle rating:** 200,000 cycles.  
**Tension:** Adjustable. Patented mechanism.  
**Requirements:** No countersinking or lubricating.  
**Manufacturing:** Injection-molded polymers. UV stabilized.  
**Mount style:** Flat, face-fixed to gate & fence.  
**Opening:** 180°. ('GATE STOP' REQUIRED.)  
**Spring:** Stainless steel, torsion type.  
**Internal fixings:** Stainless steel & brass.  
**Fixing holes:** 1/4" (6.7mm).

#### 'MULTI-ADJUST HINGE' & 'ROUND-POST HINGE'

**Applications:** Heavier, larger gates. High traffic areas.  
**Multi-Adjust Hinge:** Ideal for vinyl and wood.  
**Round-Post Hinge:** Ideal for chainlink.  
**Load rating:** 132lb (60kg) gate per pair (based on max. gate size 6'Hx4'W (1830x1220mm) with maximum spacing between hinges).  
**Point load:** 700lb at 44" (1.12m) from pivot point of hinge.  
**Manufacturing:** Injection-molded polymers. UV stabilized.  
**Mount style:** Flat, face-fixed to gate & fence.  
**Opening:** 180°. ('GATE STOP' REQUIRED.)  
**Spring:** Stainless steel, torsion type.  
**Internal fixings:** Stainless steel & brass.  
**Fixing slots:** Multi-Adjust Hinge: 1/4x1/4" (6.6x26mm)  
 Round-Post Hinge: 1/4x1/2" (6.6x13mm)

TRU•CLOSE

## "THE" HINGE FOR ROUND POSTS

Introducing the new Tru•Close 'ROUND POST HINGE', a tough molded hinge designed to fit to a wide range of common round-posted gates and fences.

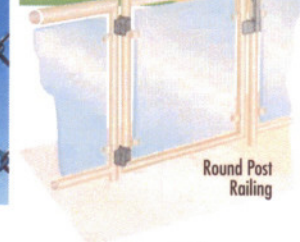
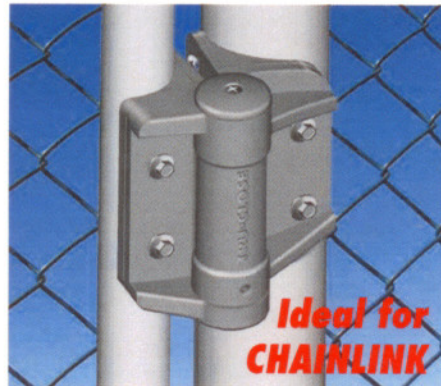
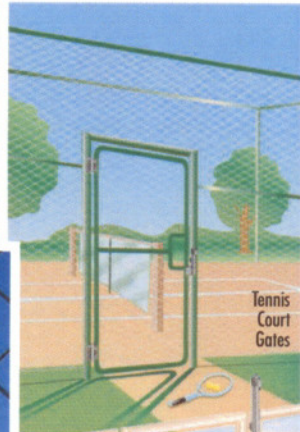
Two models fit fence post diameters of 1<sup>7</sup>/<sub>8</sub>", 2", 2<sup>3</sup>/<sub>8</sub>" and 2<sup>7</sup>/<sub>8</sub>" (48mm, 50mm, 60mm & 73mm), and gate frame diameters of 1<sup>3</sup>/<sub>8</sub>", 1<sup>5</sup>/<sub>8</sub>", 1<sup>7</sup>/<sub>8</sub>" and 2" (35mm, 41mm, 48mm & 50mm). Each pair of hinges is packaged as a multi-piece kit and includes shims/adaptors to fit each post and gate diameter.

These new models are specially designed "round" versions of our popular heavy duty range, ideal for gates up to 132lb (60kg).

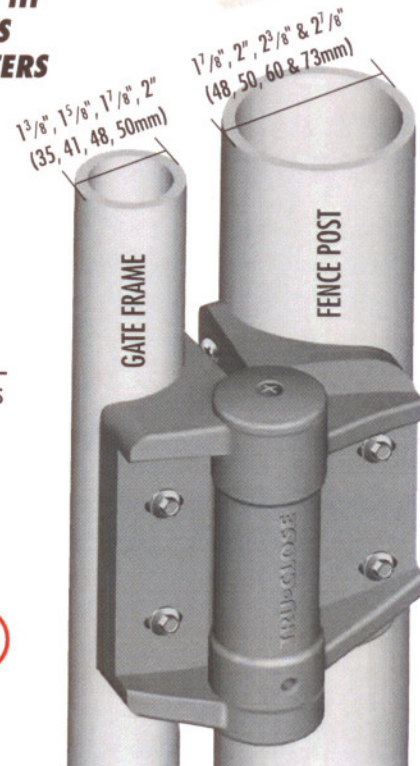
The "ROUND POST HINGE" models carry all the usual Tru•Close benefits: no rust, no binding, no sagging or staining!

It also features Tru•Close's unique, patented tension adjustment facility: simply remove the endcap, then depress and rotate the incremental tension as required for each gate. With adequate tension applied, gates will close smoothly and reliably.

The introduction of the 'ROUND POST HINGE' models to the established Tru•Close line-up means there is now a complete range of hinge models to fit all gate and fence types, including all types of gate and fence materials and most gate shapes and configurations.



**Specially designed to fit ROUND POSTS & GATES OF DIFFERENT DIAMETERS**



### Features

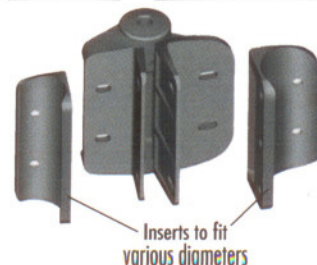
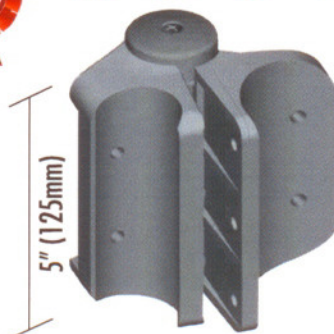
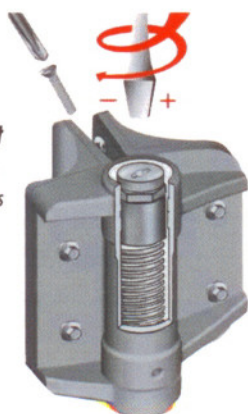
- Round post configuration
- Molded, reinforced polymer construction
- Unique, patented tension adjustment
- Internal stainless steel spring
- UV-stabilized, "self-lubricating" materials
- Quality Assurance ISO 9001 manufacturer

### Benefits

- Fits easily to most common round posts
- NO rust, binding, sagging or staining!
- Super quick/easy tension adjustment
- No need for unsightly spring closers
- Smooth, even closure. No lubricating.
- Lifetime warranty

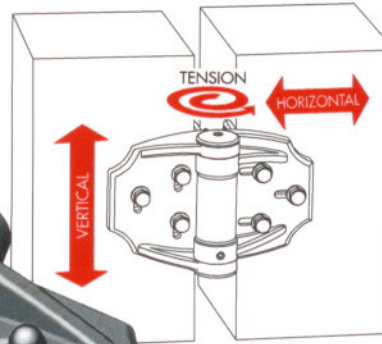
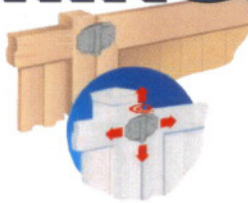
#### Patented tension adjustment

Simply remove endcap, depress and rotate the incremental tension as required.



**TRU-CLOSE®**  
**SELF-CLOSING**  
**MULTI-ADJUST HINGE**

**Ideal for VINYL & WOODEN GATES**



**GAP ADJUSTMENT**  
between post and gate...  
Min: 5/8" (16mm) to  
Max: 1 3/8" (35mm)  
**3/4" (19mm) ADJUSTMENT**

**THE WORLD'S MOST "ADJUSTABLE" GATE HINGE**

Introducing the Tru•Close 'MULTI-ADJUST' tension-adjustable hinge – the ideal hinge for vinyl or wooden gates. This revolutionary, heavy duty hinge offers the ultimate range of vertical, horizontal and tension adjustment for large, heavy or high-traffic gates.

This, combined with fast, convenient fitting alignment makes the MULTI-ADJUST from Tru•Close the ideal "big gate" hinge.

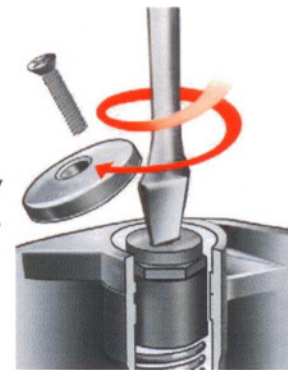
The MULTI-ADJUST hinge carries all the usual TRU•CLOSE hinge benefits: no rust, no binding, no sagging and no staining!

The most notable feature is the horizontal and vertical adjustment – the ability to adjust the hinge (the gate) up to 3/4" (19mm) in either a vertical or horizontal direction at any time after installation.

The new hinge also offers the benefits of Tru•Close's patented tension adjustment facility.



**QUICK & EASY INCREMENTAL TENSION ADJUSTMENT**



Each MULTI-ADJUST hinge has two wrap-around (90° double face-fixed) mounting brackets; one that fits to the gate frame and another that fits to the fence post. Stainless steel 'studs' within the brackets allow the installer to lift a heavy gate into position and secure it with ease. Adjustments for vertical and horizontal alignment can then be made. That's easy installation!

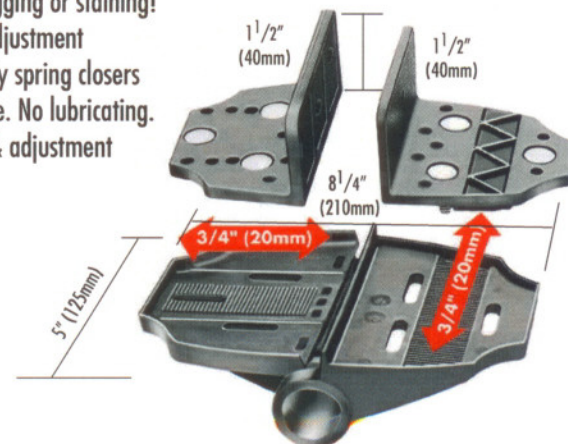
The Tru•Close MULTI-ADJUST hinge marks a new era in fitting convenience and adjustability for difficult, large vinyl and wooden gates.

**Features**

- Adjusts horizontally, vertically & for tension
- Molded, reinforced polymer construction
- Unique, patented tension adjustment
- Internal stainless steel spring
- UV-stabilized, "self-lubricating" materials
- Alignment Legs & Adjustment Slots
- Quality Assurance ISO 9001 manufacturer

**Benefits**

- Ease of installation & adjustment
- NO rust, binding, sagging or staining!
- Quick, self-closing adjustment
- No need for unsightly spring closers
- Smooth, even closure. No lubricating.
- Ease of installation & adjustment
- Lifetime warranty



TRU•CLOSE





# PROTECTION THAT'S PRESENTABLE.

## Introducing SlatMaster™ Fence Systems.

### **Strength. Privacy. Good looks.**

With new SlatMaster™ from Master-Halco, you get all three in one fence. Some styles are even available with a 10-year limited warranty for long-lasting, reliable service.

SlatMaster™ lets you create a beautiful custom look that combines the strength of a chain link fence with the privacy and good looks of wood or polyethylene plastic. A fence that is not only easy to maintain, but is durable. Not only attractive, but secure.

**Versatile.** You can design a wide variety of fences with wood pickets or plastic color slats in chain-link fabric or plastic slats in vinyl coated Masterbond™ fabric. Low maintenance materials, a

wide range of heights and the fact that it is extremely difficult to climb make SlatMaster™ an ideal choice for residential, commercial and industrial applications.

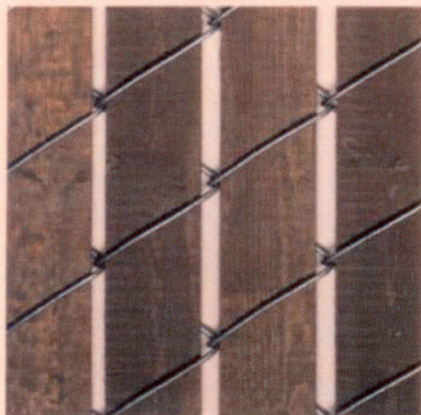
**Quick and Easy.** Your SlatMaster™ fence arrives in rolls with prewoven slats so it's quick and easy to install. And SlatMaster™ comes with the confidence of knowing it's a genuine Master-Halco product with the convenience of nationwide availability.

If you're looking for a tough fence that won't offend your sense of style, take a look at SlatMaster™. You won't find a better fence—or a fence that looks better.



*Fencing Without Boundaries™*

### Wood Slats



3 1/2" x 5" Mesh

9 gauge Class III galvanized

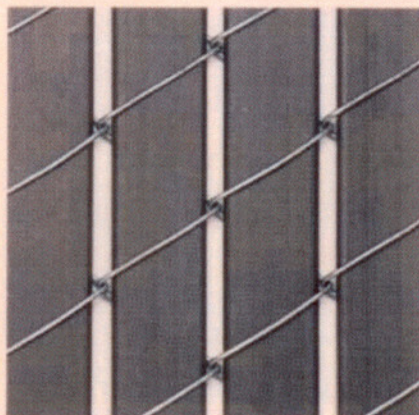
2 3/8" natural wood slats  
25' rolls

4,5,6,7,8,10 & 12 ft. heights

Redwood Stained natural wood slats carefully selected & treated with high quality latex-base stain to enhance original color and beauty.

Slats are fastened with monel-clinch-lock staples.

### Plastic Slats



3 1/2" x 5" Mesh

9 gauge Class III galvanized

2 3/8" flat tubular slats  
25' rolls

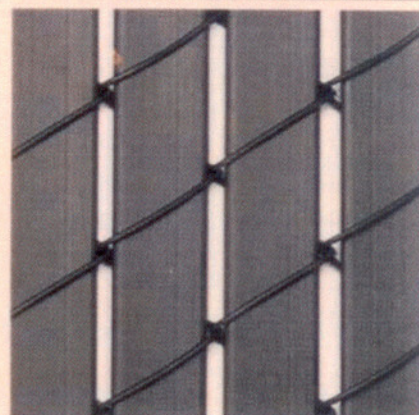
4,5,6,7,8,10 & 12 ft. heights

See slat color choices below.

Slats are fastened with monel-clinch-lock staples.

**10-year limited warranty** against fading, breakage and red rust under normal use.  
See warranty certificate for details.

### Plastic Slats in Masterbond™ Mesh



3 1/2" x 5" Mesh

11 ga. core-8 ga. Masterbond™ finish (extruded bonded)

2 3/8" flat tubular slats  
25' rolls

4,5,6,7,8,10 & 12 ft. heights

See slat color choices below. Mesh available in midnight black, forest green or sierra brown.

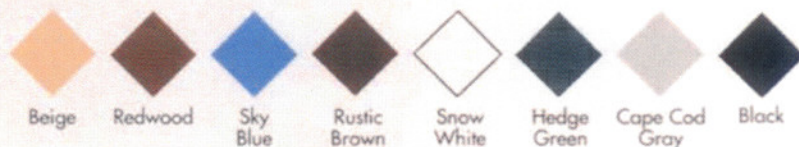
Slats are fastened with monel-clinch-lock staples.

**10-year limited warranty** against fading, breakage and red rust under normal use.  
See warranty certificate for details.

Choose from any of these slat and mesh color combinations. Other combinations may be custom ordered.

SLAT COLORS	CLASS III GALV. MESH	VINYL FABRIC		
		BLACK	GREEN	BROWN
Redwood Stained Natural Wood	X			
Brown Plastic	X	X		X
White Plastic	X			
Black Plastic	X	X		
Beige Plastic	X			X
Green Plastic	X	X	X	
Gray Plastic	X	X		
Blue Plastic	X			
Redwood Plastic	X	X		X

### Plastic Slat Colors



The fence slats are manufactured from a combination of quality base high density virgin polyethylene, color pigments and ultra violet inhibitor, specifically designed to retard the harmful effect of sunlight and lengthen the useful life of the product. Slats are resistant to rain, snow, heavy duty detergents (including those containing ammonia), salt water, water treatment chemicals, alcohol, acids, alkalines and petroleum products. Colors shown are approximate. Contact your nearest Master-Halco distribution center for more information.



Fencing Without Boundaries®

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Orange, CA 92868  
1.888.MH.FENCE (toll-free)  
e-mail: info@FenceOnline.com  
www.FenceOnline.com

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For more information or to order SlatMaster™, contact:

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# Spectra® Commercial Color Chain-Link Fence System



Spectra color chain-link provides a cost-effective quality solution for most commercial applications. Spectra features the corrosion protection of zinc in addition to the durability and attractive appearance of polyester framework and extruded polyvinyl chloride fabric.

**CORROSION RESISTANCE** Zinc-coated steel framework is thoroughly cleaned during the pre-treatment process and color coated with a 3 mil minimum polyester layer for dual protection from corrosion.

**LONG SERVICE LIFE** All galvanized wire has a 15 mil minimum extruded polyvinyl chloride coating for dual protection from corrosion and the elements.

**SUPERIOR STRENGTH** Fittings are made of galvanized steel with a 6 mil minimum of polymer coating for added protection.

**SECURITY** Treating components with both zinc and an electrostatically applied color coating helps them provide years of protection and security.

**CONFIDENCE** 12-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 1 & ASTM F 668 Class 2A specifications

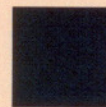


## Color Systems

Spectra is the perfect choice for property owners who need the strength and protection of a chain-link fence system plus an appearance that blends in beautifully with the environment. Spectra defines property lines, encloses animals, as well as protects and adds value to any property. For added privacy, choose from different types of decorative polyethylene slats tinted to match the shades of Spectra color chain-link systems.



Sierra Brown



Midnight Black



Forest Green

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	Spectra polyvinyl chloride extruded over zinc-coated steel wire per ASTM F 668 Class 1 or Spectra polyvinyl chloride extruded and adhered to zinc-coated steel wire per ASTM F 668 Class 2a
Gauge	6, 8, and 9 gauge finish
Mesh	1-3/4" and 2"
Heights	3', 42", 4', 5', 6', 7', 8', 10' and 12'
Selvage	Knuckled top and bottom up to 5' high, twisted and knuckled 6' to 12' high

### Fittings

Tension and Brace Bands	Polymer coating, 6 mils minimum, over hot-dipped galvanized pressed steel
Caps, Eye Tops, Rail Ends	Polymer coating, 6 mils minimum, over hot-dipped galvanized pressed steel
Sleeves	Polymer coating, 6 mils minimum, over hot-dipped galvanized steel
Tie Wires	Polymer coating, 6 mils minimum, over zinc-coated steel wire

### Framework

Type 2	Spectra polyester resin, 3 mils minimum, over galvanized steel ASTM F 1043, Group 1C, with a 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	1-5/8" O.D. Spectra DQ 40 or Schedule 40 pipe
Line Posts	1-7/8" or 2-3/8" O.D. Spectra DQ 40 or Schedule 40 pipe
Terminal Posts	2-3/8", 2-7/8" or 4" O.D. Spectra DQ 40 or Schedule 40 pipe

### 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

## Heritage & Commitment

Since 1961, Master Halco has grown to become the largest manufacturer and distributor of fencing materials in the world, servicing thousands of the best installers and retailers across the United States and Canada.



Master Halco operates from locations across North America, with a vast network of distribution centers supported by our delivery fleet.



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1.888.MH.FENCE (toll-free)  
e-mail: [info@FenceOnline.com](mailto:info@FenceOnline.com)  
[www.FenceOnline.com](http://www.FenceOnline.com)

Master Halco reserves the right to amend, withdraw or make changes to products and specifications without notice.  
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## Full Fencing Solutions

Master Halco distributes a broad range of fencing solutions for commercial and residential applications, including:

- Chain-link
- Ornamental fence (steel and aluminum)
- Welded wire
- Wood
- PVC
- Composite

For more information about Master Halco products and services, call 1.888.MH.FENCE toll-free or visit us online at [www.FenceOnline.com](http://www.FenceOnline.com).

# 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

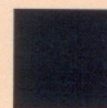


## Color Systems

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 in 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.



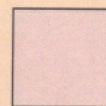
Sierra Brown



Midnight Black



Forest Green



Tan  
(Special Order)



Olive Green  
(Special Order)

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', 4'2", 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

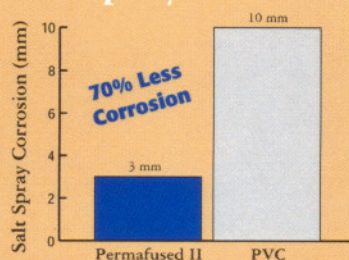
Type 1	Permafused II polyolefin, 10 mils minimum, over galvanized steel ASTM F 1043, Group 1A, standard weight pipe, schedule 40. Hot-dipped galvanized with a minimum average 1.8 ounces per square foot of zinc-coated surface area
Type 2	Permafused II polyolefin, 10 mils minimum, over galvanized steel 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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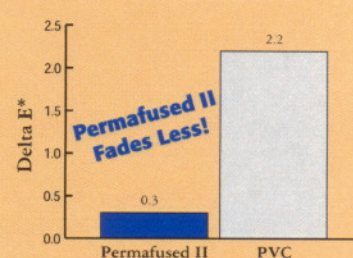
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## Salt Spray Resistance



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

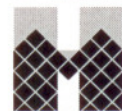
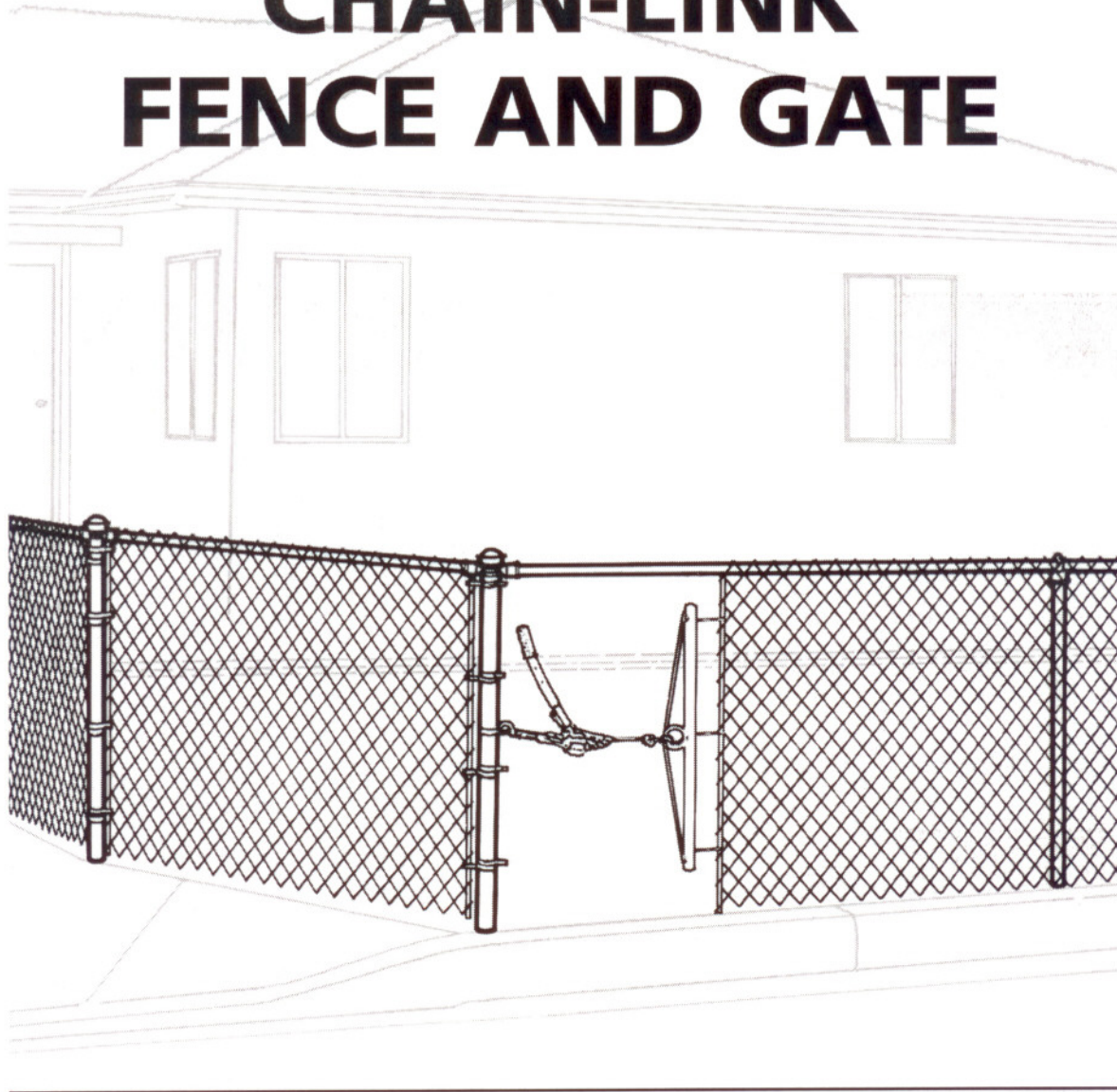


Based on 268 days of testing of black color samples in the Arizona sun.

\*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.

## INSTALLATION INSTRUCTIONS

# CHAIN-LINK FENCE AND GATE



**MASTER  
HALCO™**

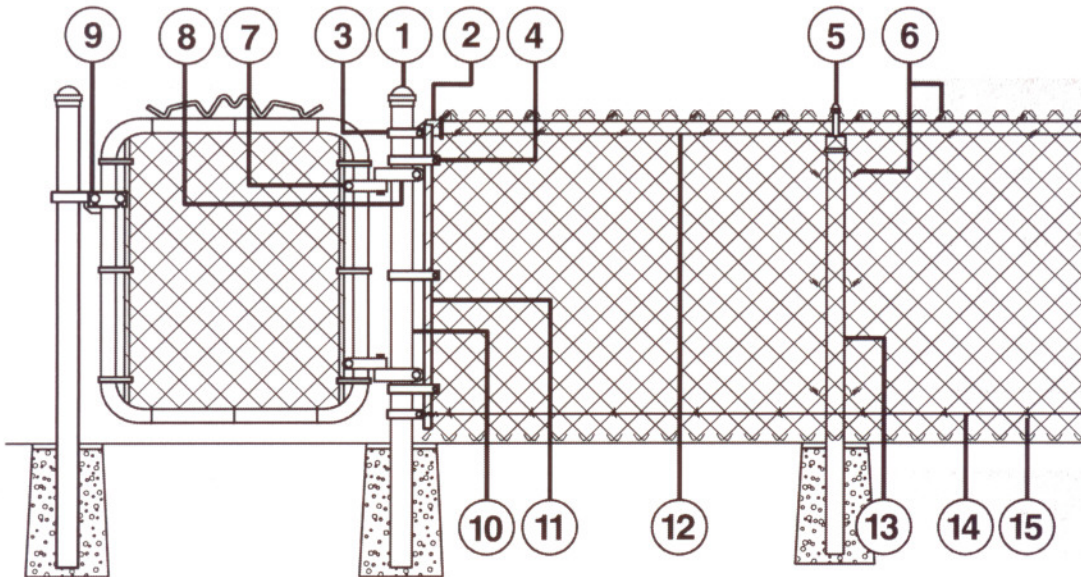
*Fencing Without Boundaries™*

**BEFORE YOU START, IT'S IMPORTANT TO CHECK . . .**

- . . . That fence footings do not exceed legally established property lines. If uncertain, refer to real estate agent's line plot or consult a professional surveyor.
- . . . Local codes for specifications regarding frontage locations, allowable fence heights, etc. A permit may be required.
- . . . With local utility companies for locations of underground cables or pipelines.

**CHAIN-LINK FENCE AND GATE**















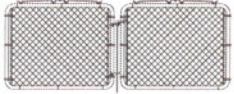








**PARTS LIST**



- |                     |                    |                       |
|---------------------|--------------------|-----------------------|
| ① Terminal Post Cap | ⑥ Fence Tie        | ⑪ Tension Bar         |
| ② Rail End          | ⑦ Gate Frame Hinge | ⑫ Top Rail            |
| ③ Rail End Band     | ⑧ Gate Post Hinge  | ⑬ Line Post           |
| ④ Tension Band      | ⑨ Gate Fork Latch  | ⑭ Bottom Tension Wire |
| ⑤ Line Post Top     | ⑩ Terminal Post    | ⑮ Tension Wire Clip   |



**PARTS DESCRIPTION • QUANTITY TO USE / BUY**

Chain-Link Fabric		Same linear footage of fence less gate openings	<input type="checkbox"/>	Rail End <b>(2)</b>		1 for each end post 1 for each gate post 2 for each corner post	<input type="checkbox"/>
Terminal Post <b>(10)</b> (end, corner and gate posts)		As required (2 for each gate)	<input type="checkbox"/>	Rail End Band <b>(3)</b>		1 for each rail end	<input type="checkbox"/>
Line Post <b>(13)</b> (intermediate post)		Divide the total footage of your fence (less gate openings) by 10 and subtract 1. Subtract 1 additional line post for each corner post used. Space line posts equidistant at intervals not exceeding 10 feet.	<input type="checkbox"/>	Tension Band <b>(4)</b>		For each end post, use 3 for: 3', 42" or 4'; use 4 each for 5', and use 5 each for 6'. Same for gate posts. Double the quantity for corner posts.	<input type="checkbox"/>
Top Rail (plain or swedged end) <b>(12)</b>		Same linear footage as fence fabric	<input type="checkbox"/>	Gate Post Hinge <b>(8)</b>		2 for single swing gate 4 for double swing gate	<input type="checkbox"/>
Top Rail Sleeve		1 for each length of plain end top rail. Not needed for swedged end top rail.	<input type="checkbox"/>	Gate Frame Hinge <b>(7)</b>		2 for single swing gate 4 for double swing gate	<input type="checkbox"/>
Tension Bar <b>(11)</b>		1 for each end post 1 for each gate post 2 for each corner post	<input type="checkbox"/>	Gate Fork Latch <b>(9)</b>		1 for each single swing gate	<input type="checkbox"/>
Single Swing Gate		Individual fittings as indicated below	<input type="checkbox"/>	Fence Tie <b>(6)</b>		1 for every 24" of top rail and 1 for every 12" of line posts	<input type="checkbox"/>
Double Swing Gate		Individual fittings as indicated below	<input type="checkbox"/>	5/16" x 1-1/4" Carriage Bolt		1 for each rail end band 1 for each tension band	<input type="checkbox"/>
Terminal Post Cap <b>(1)</b>		1 for each terminal post	<input type="checkbox"/>	3/8" x 2" Carriage Bolt		1 for each gate frame hinge	<input type="checkbox"/>
Line Post Top <b>(5)</b>		1 for each line post	<input type="checkbox"/>	3/8" x 3" Carriage Bolt		1 for each gate post hinge	<input type="checkbox"/>
				Bottom Tension Wire <b>(14)</b>		Same linear footage of fence less gate openings	<input type="checkbox"/>
				Tension Wire Clip <b>(15)</b>		1 for every 24" of tension wire	<input type="checkbox"/>
				Concrete Mix		Approximately two 60-lb. sacks per post hole	<input type="checkbox"/>

**TOOLS YOU WILL FIND USEFUL**

- String or Chalk Line and Stakes • Tape Measure • Post Hole Digger  
Wheelbarrow, Shovel and Hoe to mix and transport concrete • Carpenter's Level  
1/2" and 9/16" Wrench or Crescent Wrench • Hacksaw or Pipe Cutter  
Fence Stretcher • Pliers • Tension Wire Clip (Hog Ring) Pliers

POST SPACING CHART	
DISTANCE BETWEEN TERMINAL POSTS	DISTANCE BETWEEN LINE POSTS
30'	10'
31'	7' 9"
32'	8'
33'	8' 3"
34'	8' 6"
35'	8' 9"
36'	9'
37'	9' 3"
38'	9' 6"
39'	9' 9"
40'	10'
41'	8' 2"
42'	8' 5"
43'	8' 6"
44'	8' 9"
45'	9'
46'	9' 2"
47'	9' 5"
48'	9' 7"
49'	9' 9"
50'	10'
51'	8' 6"
52'	8' 8"
53'	8' 10"
54'	9'
55'	9' 2"
56'	9' 4"
57'	9' 6"
58'	9' 8"
59'	9' 10"
60'	10'
61'	8' 8"
62'	8' 10"
63'	9'
64'	9' 1"
65'	9' 3"
66'	9' 5"
67'	9' 7"
68'	9' 8"
69'	9' 10"
70'	10'
71'	8' 10"
72'	9'
73'	9' 1"
74'	9' 3"
75'	9' 4"
76'	9' 6"
77'	9' 7"
78'	9' 9"
79'	9' 10"
80'	10'
81'	9'
82'	9' 1"
83'	9' 3"
84'	9' 4"
85'	9' 5"
86'	9' 7"
87'	9' 8"
88'	9' 9"
89'	9' 10"
90'	10'
91'	9' 1"
92'	9' 2"
93'	9' 4"
94'	9' 5"
95'	9' 6"
96'	9' 7"
97'	9' 8"
98'	9' 9"
99'	9' 10"
100'	10'

**IN THE SPACE PROVIDED BELOW, MAKE A SKETCH OF YOUR FENCE LAYOUT**

**1** PREPARE FENCE LAYOUT

**STEP 1**

Locate your property's boundary lines.  
*It is recommended that all posts be set approximately 4" inside the property line so that concrete footings do not encroach onto any adjoining property.*

**STEP 2**

Measure the overall length of your planned fence to determine how many feet of chain-link fabric and top rail will be required (Fig. 1).

**STEP 3**

Mark the location of each terminal post (corner, end, and gate posts are called *terminal* posts) with a stake.

*When determining the positions of gate posts remember that clearance for hinges, latches, etc., is included in the listed opening width of the gate. Therefore, if you ordered a gate for a 36" opening the post spacing should be exactly 36", inside post face to inside post face.*

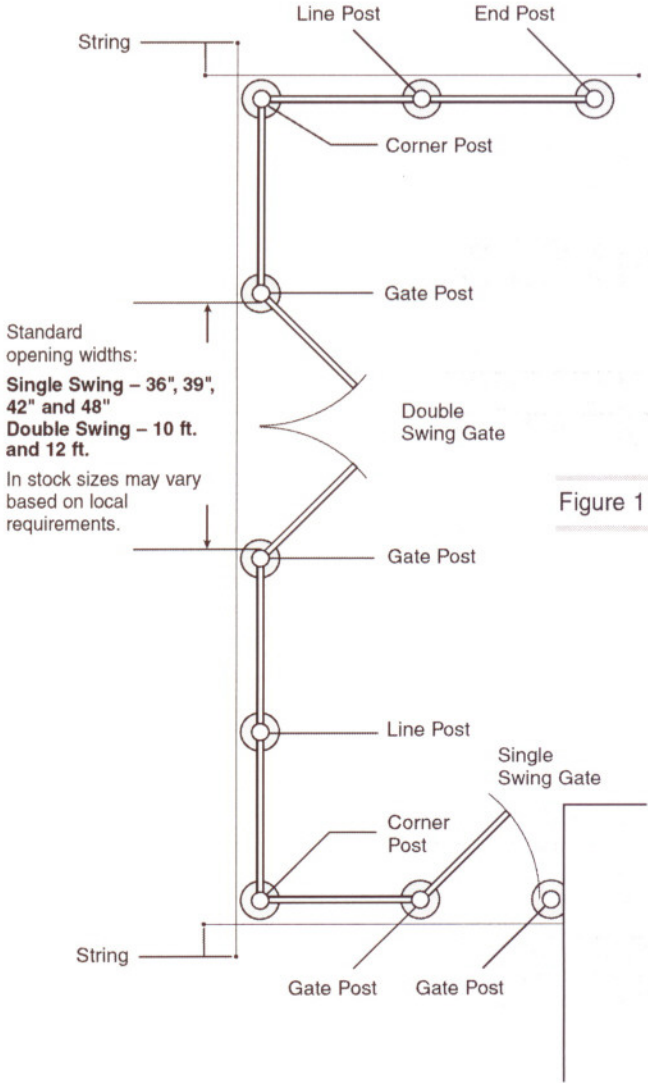


Figure 1

**2** **SETTING TERMINAL POSTS**

**STEP 1**

Dig terminal post holes approximately 8" in diameter and 30" deep, with sloping sides (Fig. 2). The exact diameter and depth will be determined by local weather and soil conditions.

**STEP 2**

With crayon or chalk, mark the ground line on posts. Height, above level ground, of terminal posts will equal the height of the fence fabric plus 2".

**STEP 3**

Center the terminal posts in the holes. Make sure the posts are plumb and set at the correct height. (Crayon mark should be at ground level.) Surround posts with concrete in a continuous pour. Trowel finish around posts and slope downward to direct water away.

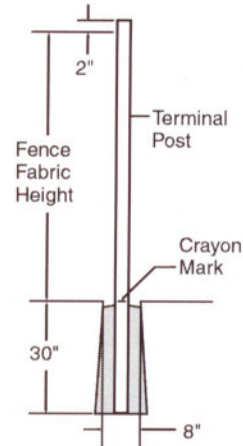


Figure 2

**3** **LOCATING AND SETTING LINE POSTS**

**STEP 1**

When the terminal post footings have hardened enough to stabilize the posts, stretch a string line taut between terminal posts. The string should be positioned on the outside face of the posts 4" below the top (Fig. 3). Height, above level ground, of line posts will equal the height of the fabric minus 2".

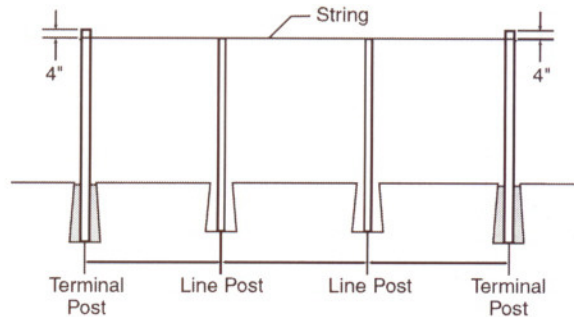


Figure 3

**STEP 2**

Measure the distance between terminal posts and refer to Post Spacing Chart to determine the distance between line posts. Dig line post holes 6" wide and 18" to 24" deep, with sloping sides (Fig. 4). Center the line posts in the holes. Make sure the posts are plumb, aligned with the centers of terminal posts, and set at the correct height. Surround posts with concrete in a continuous pour. Trowel finish around posts and slope downward to direct water away.

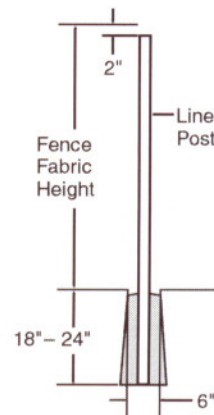


Figure 4

**4** ADDING FITTINGS TO TERMINAL POSTS

**STEP 1**

After concrete footings have been allowed to sufficiently harden, slip the rail end bands and tension bands onto the terminal posts. (Refer to parts list for the description and quantity of fittings that are required for various post types and heights.) The long flat surface of the tension band should face toward the outside of the fence (Fig 5).

*NOTE: Take care not to spread or distort the fittings.*

**STEP 2**

Apply all terminal post caps.

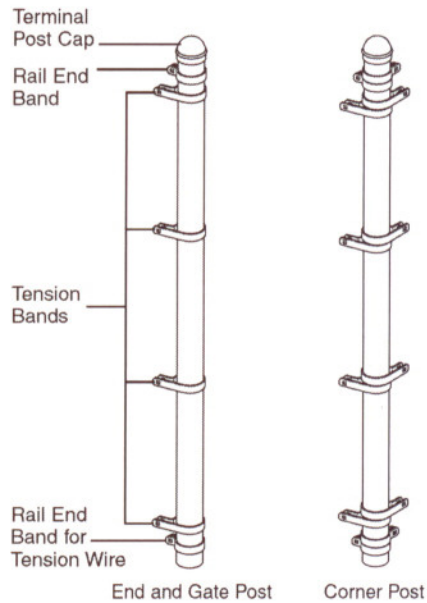


Figure 5

**Terraced Ground**

Corner post assembly is used at point A to allow fabric to follow terraced contour of ground (Fig. 6).

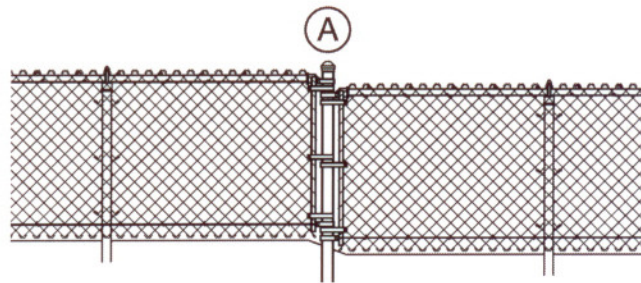


Figure 6

**Very Uneven Ground**

Corner post assembly is used at points A and B when ground rises or drops more than 15" per 100 linear feet (Fig. 7).

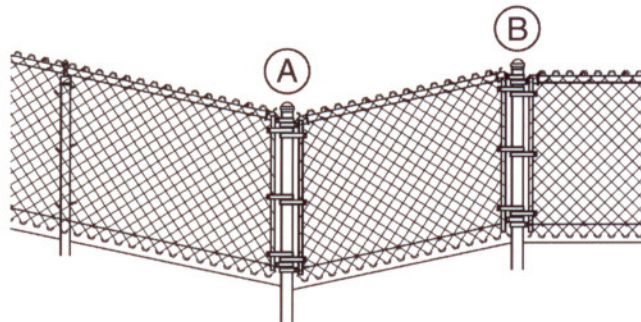


Figure 7

**5** **INSTALLING TOP RAILS**

**STEP 1**

Place line post top on the top of each line post. The off-set round side should be toward the outside of the fence (Fig. 8).

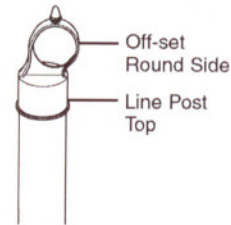


Figure 8

**STEP 2**

Insert one length of top rail through the line post top closest to a terminal post. Slip rail end onto the end of the top rail and attach it to a terminal post by using a rail end band. Secure by using a 5/16" x 1-1/4" carriage bolt with the head to the outside of the fence (Fig. 9).

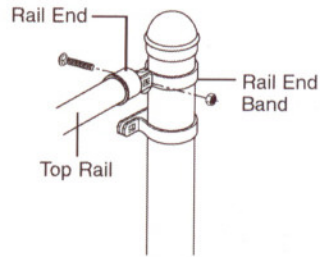


Figure 9

**STEP 3**

Continue by forcing lengths of swedge end top rail together through the line post tops. (If swedge end top rail is not used, join lengths together with top rail sleeves.) (Fig. 10)

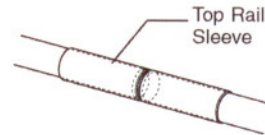


Figure 10

**STEP 4**

Upon reaching the next terminal post, measure carefully and cut the top rail to fit tightly between the last length of top rail and the rail end. Fasten rail end to rail end band on the terminal post. Secure in place with a 5/16" x 1-1/4" carriage bolt (Fig. 11).

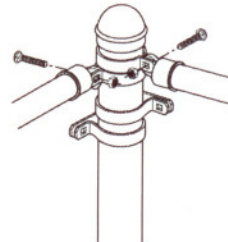


Figure 11

**6** **ADDING TENSION WIRE (Optional)**

Wrap tension wire once around bottom rail end band carriage bolt. Using pliers, twist several times to secure (Fig. 12). Tension wire should run along the same side of the posts as the fabric. Apply tension wire clips no more than 24" apart, or as needed for securing the wire to the chain-link fabric.

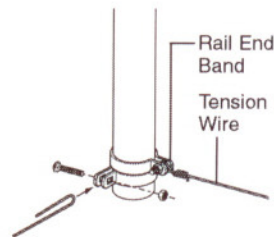


Figure 12

**7 HANGING FENCE FABRIC**

**STEP 1**

Starting at a terminal post, unroll chain-link fabric on the ground along the outside of the fence line to the next terminal post. Slide a tension bar through the first row of chain-link diamonds. Fasten evenly spaced tension bands (already on the post) to the tension bar, fabric combination using 5/16" x 1-1/4" carriage bolts with heads to the outside of the fence (Figs. 13 & 14).

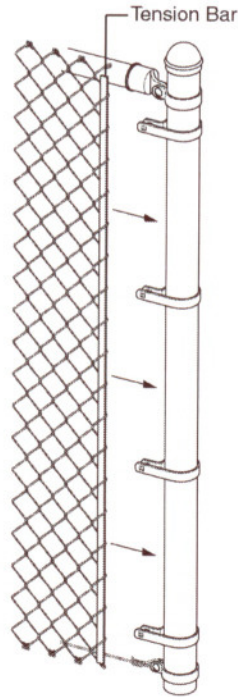


Figure 13

**STEP 2**

Walk along the fabric and stand it up against the fence frame, taking out the slack as you go. Loosely attach fabric to top rail with a few fence ties to hold it in place. Separate enough fabric from the roll to span the opening between the terminal posts.

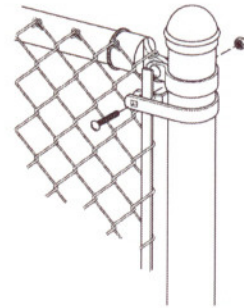


Figure 14

**TO REMOVE EXCESS FABRIC:**

Remove the excess fabric with pliers by opening the top and bottom loops (knuckles) of a single strand of wire at the desired point of separation. Unwind the strand up through the links until the fabric comes apart (Figs. 15 & 16).



Figure 15

**TO SPLICE SECTIONS OF FABRIC:**

Splice sections of chain-link fabric together using a single strand of wire, removed from the end of the fabric. Join the two sections by winding the loose strand down, corkscrew style, through the end links. Join and tighten the knuckles at top and bottom to secure.

*NOTE: Before sections can be spliced, a second strand may have to be removed to provide a proper mesh.*



Figure 16

**8** STRETCHING FENCE FABRIC

**STEP 1**

Temporarily insert a tension bar about 3 feet inside the unattached end of fabric. Securely fasten one end of the fence stretcher to the tension bar and the other end to the terminal post (Fig. 17). Stretch the fabric. *The correct fabric tension should allow a slight amount of give when squeezed by hand.* Remove the temporary tension bar.

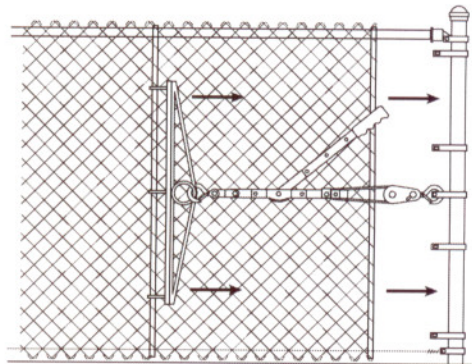


Figure 17

**STEP 2**

Adjust the fabric to exact length by adding or removing wire as shown in figures 15 and 16. Insert a tension bar at the end of the fabric and connect to tension bands on terminal post.

**HILLSIDE STRETCH — BIAS CUTTING: (IF NECESSARY)**

If the top of the chain-link fabric does not create a right angle to the terminal post, the fabric must be cut on a bias so that the tension bar can slide into the fabric at the proper angle. Pull the chain-link fabric until the top or bottom, whichever is shortest, reaches the terminal post. The other corner of the fabric will extend past the terminal post. Insert the tension bar at an angle through the fabric parallel to the terminal post (Fig. 18). Remove the excess wire by cutting the strands that form the diamond at the tension bar leaving them long enough to bend over the bar. Do not cut every wire. The number of wires cut depends on the degree of slope and the height of the fence.

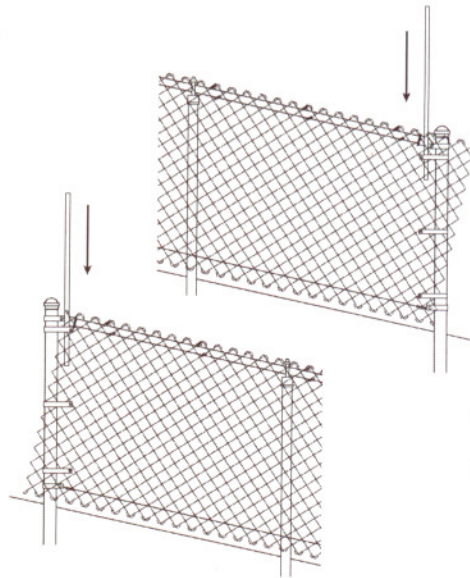


Figure 18

**9** INSTALLING FENCE TIES

Fasten the fabric securely with fence ties spaced approximately 24" apart along the top rail and 12" apart on each line post (Fig 19). Finally, securely tighten nuts on all rail end bands and tension bands.

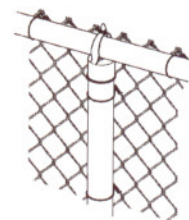


Figure 19



**10** **HANGING THE GATE**

A similar installation procedure is used on both single swing and double swing gates (Figs. 20 & 21).

**STEP 1**

Apply gate post hinges to gate post approximately 8" from the top and bottom of the gate post with the top hinge pin pointing down and the bottom hinge pin pointing up. This will prevent the gate from being removed and/or from dropping off. Tighten all bolts securely.

**STEP 2**

Apply gate frame hinges to gate frame. Loosely fasten bolts so they can be easily adjusted on the gate frame. Hang gate(s) in place so that the bottom of the gate has approximately 2" of ground clearance. Tighten the bolts on the bottom frame hinge first, then adjust and tighten the bolts securely at the top.

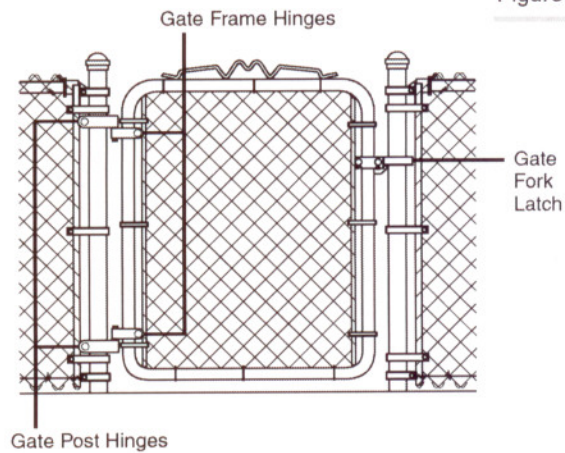
**STEP 3**

Position gate fork latch at a convenient height. Tighten all bolts securely.

*NOTE: Adjust EZ Latch Assembly on the double swing gate to the correct height and tighten all bolts securely (Fig. 21).*

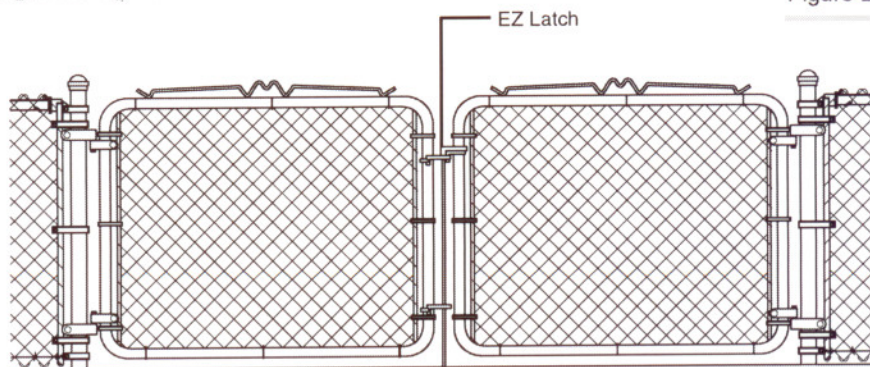
**SINGLE SWING GATE**

Figure 20



**DOUBLE SWING GATE**

Figure 21



For more information, contact our Customer Service Department:  
1-888-MH-FENCE (toll-free)  
4000 W Metropolitan Dr., Orange, CA 92868  
e-mail: info@FenceOnline.com • www.FenceOnline.com



*Fencing Without Boundaries™*



# REFERENCE GUIDE



## GALVANIZED PIPE

*Weights per Lineal Foot*

(A) Schedule 40 (Full Weight)

Size	Wall	lbs./ft.
1 3/8"	.133	1.679
1 5/8"	.140	2.273
1 7/8"	.145	2.718
2 3/8"	.154	3.653
2 7/8"	.203	5.793
3 1/2"	.216	7.576
4"	.226	9.109
4 1/2"	.237	10.79
6 5/8"	.280	18.97
8 5/8"	.322	28.55

(B) BSS 1387 Light (Structural)

Size	Wall	lbs./ft.
1 3/8"	.104	1.38
1 5/8"	.104	1.78
1 7/8"	.116	2.27
2 3/8"	.116	2.87
2 7/8"	.128	3.84

(C) 16 Gauge

Size	Wall	lbs./ft.
1 3/8"	.065	.9094
1 5/8"	.065	1.083
1 7/8"	.065	1.274
2 3/8"	.065	1.604

To determine the weight of pipe, use the following formulas:

(A) Galvanized Steel

Take the O.D. (-) wall thickness (x) wall thickness (x)  
10.6813

(B) Aluminum

Take the O.D. (-) wall thickness (x) wall thickness (x)  
3.6907

## CONCRETE CHART

*Number of Posts per Cubic Yard of Concrete*

### Hole Diameter

Hole Depth	4"	6"	8"	9"	10"	12"	16"	18"	24"
	24"	154.7	68.8	38.7	30.6	24.3	17.2	9.7	7.6
30"	128.3	55.0	31.0	25.5	19.7	13.7	7.7	6.0	3.0
36"	103.1	45.8	25.8	20.4	16.5	11.5	6.5	5.1	2.7
39"	95.2	42.3	23.8	18.8	15.2	10.6	5.9	4.7	2.6
42"	88.4	39.3	22.1	17.5	14.1	9.8	5.5	4.4	2.5
48"	77.4	34.0	19.4	15.3	12.4	8.6	4.8	3.8	2.0

## Line Post Spacing Chart (Based on 10ft. Centers)

Space	Set Post Apart	Space	Set Post Apart	Space	Set Post Apart	Space	Set Post Apart	Space	Set Post Apart
30 ft.	10 ft.	51 ft.	8 ft. 6 in.	71 ft.	8 ft. 9 in.	92 ft.	9 ft. 2 in.	112 ft.	9 ft. 4 in.
31 ft.	7 ft. 9 in.	52 ft.	8 ft. 8 in.	72 ft.	9 ft.	93 ft.	9 ft. 3 in.	113 ft.	9 ft. 5 in.
32 ft.	8 ft.	53 ft.	8 ft. 10 in.	73 ft.	9 ft. 2 in.	94 ft.	9 ft. 5 in.	114 ft.	9 ft. 6 in.
33 ft.	8 ft. 3 in.	54 ft.	9 ft.	74 ft.	9 ft. 3 in.	95 ft.	9 ft. 6 in.	115 ft.	9 ft. 7 in.
34 ft.	8 ft. 6 in.	55 ft.	8 ft. 2 in.	75 ft.	9 ft. 4 in.	96 ft.	9 ft. 7 in.	116 ft.	9 ft. 8 in.
35 ft.	8 ft. 9 in.	56 ft.	9 ft. 4 in.	76 ft.	9 ft. 6 in.	97 ft.	9 ft. 7 in.	117 ft.	9 ft. 9 in.
36 ft.	9 ft.	57 ft.	9 ft. 6 in.	77 ft.	9 ft. 7 in.	98 ft.	9 ft. 8 in.	118 ft.	9 ft. 10 in.
37 ft.	9 ft. 3 in.	58 ft.	9 ft. 8 in.	78 ft.	9 ft. 9 in.	99 ft.	9 ft. 9 in.	119 ft.	9 ft. 10 in.
38 ft.	9 ft. 6 in.	59 ft.	9 ft. 10 in.	79 ft.	9 ft. 10 in.	100 ft.	10 ft.	120 ft.	10 ft.
40 ft.	10 ft.	60 ft.	10 ft.	80 ft.	10 ft.	101 ft.	9 ft. 2 in.	121 ft.	9 ft. 3 in.
41 ft.	8 ft. 2 in.	61 ft.	8 ft. 8 in.	81 ft.	9 ft.	102 ft.	9 ft. 3 in.	122 ft.	9 ft. 4 in.
42 ft.	8 ft. 5 in.	62 ft.	8 ft. 10 in.	82 ft.	9 ft. 1 in.	103 ft.	9 ft. 4 in.	123 ft.	9 ft. 5 in.
43 ft.	8 ft. 6 in.	63 ft.	9 ft.	83 ft.	9 ft. 3 in.	104 ft.	9 ft. 5 in.	124 ft.	9 ft. 6 in.
44 ft.	8 ft. 9 in.	64 ft.	9 ft.	84 ft.	9 ft. 4 in.	105 ft.	9 ft. 6 in.	125 ft.	9 ft. 7 in.
45 ft.	9 ft.	65 ft.	9 ft. 3 in.	85 ft.	9 ft. 6 in.	106 ft.	9 ft. 7 in.	126 ft.	9 ft. 8 in.
46 ft.	9 ft. 2 in.	66 ft.	9 ft. 5 in.	86 ft.	9 ft. 7 in.	107 ft.	9 ft. 8 in.	127 ft.	9 ft. 9 in.
47 ft.	9 ft. 5 in.	67 ft.	9 ft. 7 in.	87 ft.	9 ft. 8 in.	108 ft.	9 ft. 9 in.	128 ft.	9 ft. 10 in.
48 ft.	9 ft. 7 in.	68 ft.	9 ft. 8 in.	88 ft.	9 ft. 9 in.	109 ft.	9 ft. 10 in.	129 ft.	9 ft. 10 in.
49 ft.	9 ft. 9 in.	69 ft.	9 ft. 10 in.	89 ft.	9 ft. 10 in.	110 ft.	10 ft.	130 ft.	10 ft.
50 ft.	10 ft.	70 ft.	10 ft.	91 ft.	9 ft. 2 in.	111 ft.	9 ft. 3 in.	131 ft.	9 ft. 3 in.

1/4 mile or 80 rods	<b>ONE ROD EQUALS 16.5 LIN. FT.</b> <b>ONE MILE = 320 RODS = 5,280 LIN. FT.</b>				1/4 mile or 80 rods
	80 Acres Requires 1.5 miles or 480 rods of fence to Enclose				
	1/2 mile or 160 rods				
	1/2 mile or 160 rods	1/4 mile or 80 rods	20 Acres 1/4 Mile or 240 rods		
1/2 mile or 160 rods		40 Acres Requires 1 Mile or 320 Rods of fence to Enclose		40 rods	
1/2 mile or 160 rods		1/4 mile or 80 rods	40 rods	5 Acres Requires 120 Rods to Enclose	
1/2 mile or 160 rods		1/4 mile or 80 rods	40 rods	10 Acres Requires 160 Rods	60 Rods 1.25 Acres
1/2 mile or 160 rods		1/4 mile or 80 rods	40 rods	2.5 Acres	1.75 Acres

Barbed Wire 1 Reel = 80 rods = 1,320 lin. ft. = 1/4 mile

How many feet per lb. in Galv. Tension Wire?

12 ga.	33.69 ft./lb.
11 ga.	25.82 ft./lb.
9 ga.	17.05 ft./lb.
7 ga.	11.97 ft./lb.
6 ga.	10.17 ft./lb.