



# Introducing **STRUCTURAL & MECHANICAL** Tubular Products

## ALLIANCE ADVANTAGE

Doing the right thing for our customers, vendors, & employees is a core belief held throughout the Alliance family of companies. Our business is built on relationship-first decision-making.



### PRECUT LENGTHS

Short lengths can be created directly from production, saving time and cost of secondary processing.



### ROLLED IN THE USA

Dedicated to offering our customers an extensive offering of quality products manufactured in the USA.



### ONE CAMPUS

From master coil to tube, Alliance's family of companies offers complete supply chain vertical integration.



### MADE TO YOUR ORDER

We have the capability to produce metric and unique shapes without added tooling cost and lead time.



### TIMELY DELIVERY

Our quick lead times are a reflection of our modern equipment combined with decades of understanding customers needs.



### DIRECT FORMED QUALITY

Direct forming reduces production stress, which allows us to manufacture products with sharper corners, better gauge consistency, and reduced bow and twist.

# TUBULAR CAPABILITIES

## GRADES:



ASTM A - 513  
ASTM A - 500  
GRADE B-C-D

## LENGTHS:



8' - 50'

## SUBSTRATES:



HR BLACK  
HRPO  
GALVANIZED  
ALUMINIZED

## SQUARE TUBING CAPABILITY CHART

OD/ WALL	16 ga 0.065	14 ga 0.083	13 ga 0.095	12 ga 0.109	11 ga 0.120	1/8 wall 0.125	10 ga 0.134	9 ga 0.148	8 ga 0.165	7 ga 0.180	3/16 wall 0.188	1/4 ga 0.250
1.50	1.269	1.600	1.815	2.062	2.252	2.369	2.489	2.721				
1.75	1.490	1.882	2.138	2.433	2.660	2.753	2.945	3.225	3.557	3.859		
2.00	1.712	2.164	2.461	2.803	3.068	3.188	3.401	3.728	4.118	4.455		
2.25	1.907	2.446	2.784	3.174	3.450	2.753	3.856	4.231	4.679	4.945	4.960	
2.50	2.124	2.728	3.107	3.544	3.884	4.038	4.312	4.734	5.240	5.679	5.911	
3.00		3.293	3.753	4.286	4.700	4.888	5.223	5.741	6.362	6.903	7.190	8.810
3.50		3.857	4.399	5.027	5.516	5.738	6.134	6.747	7.848	8.127	8.468	10.510
4.00		4.359	4.977	5.768	6.332	6.588	7.045	7.753	8.606	9.351	9.747	12.210
4.50				6.410	7.028	7.307	7.806	8.657	9.621	10.467	10.698	13.914
5.00					7.844	8.157	8.718	9.645	10.723	11.669	12.183	15.620

## RECTANGLE TUBING CAPABILITY CHART

OD/WALL	16 ga 0.065	14 ga 0.083	13 ga 0.095	12 ga 0.109	11 ga 0.120	1/8 wall 0.125	10 ga 0.134	9 ga 0.148	8 ga 0.165	7 ga 0.180	3/16 wall 0.188	1/4 ga 0.250
1.50 2.00	1.490	1.882	2.138	2.433	2.660	2.753	2.945	3.225	3.557	3.859		
1.50 2.50	1.712	2.164	2.461	2.803	3.068	3.188	3.401	3.728	4.118	4.455		
1.50 3.00	1.907	2.446	2.784	3.174	3.476	3.613	3.856	4.231	4.679	5.067	5.272	
2.00 3.00	2.124	2.728	3.107	3.544	3.884	4.038	4.312	4.734	5.240	5.679	5.911	
2.00 4.00		3.293	3.753	4.286	4.700	4.888	5.223	5.741	6.362	6.903	7.190	8.810
3.00 4.00		3.857	4.399	5.027	5.516	5.738	6.134	6.747	7.848	8.127	8.468	10.510
2.00 5.00		3.857	4.399	5.027	5.516	5.738	6.134	6.747	7.848	8.127	8.468	10.510
3.00 5.00				5.768	6.332	6.588	7.045	7.753	8.606	9.351	9.747	12.210
2.00 6.00				5.768	6.332	6.588	7.045	7.753	8.606	9.351	9.747	12.210
3.00 6.00				6.410	7.028	7.307	7.806	8.657	9.621	10.467	10.698	13.914
4.00 5.00				6.410	7.028	7.307	7.806	8.657	9.621	10.467	10.698	13.914
4.00 6.00				7.149	7.844	8.157	8.718	9.645	10.723	11.669	12.183	15.620

## Bundle Chart/Rectangles

Bundle Chart/Rectangles															
RECTANGLES				20 Foot			24 Foot			40 Foot			50 Foot		
OD	Wall	Wt/Ft		WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT
1.50	2.00	0.065	1.490	8 x 10	80	2,384	8 x 10	80	2,861	7 x 7	49	2,920	7 x 7	49	3,651
1.50	2.00	0.083	1.882	8 x 10	80	3,011	8 x 10	80	3,613	7 x 7	49	3,689	7 x 7	49	4,611
1.50	2.00	0.095	2.138	8 x 10	80	3,421	8 x 10	80	4,105	5 x 7	35	2,993	5 x 7	35	3,742
1.50	2.00	0.109	2.433	8 x 10	80	3,893	8 x 10	80	4,671	5 x 7	35	3,406	5 x 7	35	4,258
1.50	2.00	0.120	2.660	8 x 10	80	4,256	8 x 10	80	5,107	5 x 7	35	3,724	5 x 7	35	4,655
1.50	2.00	0.134	2.945	8 x 10	80	4,712	8 x 10	80	5,654	5 x 7	35	4,123	5 x 7	35	5,154
1.50	2.00	0.148	3.225	8 x 8	64	4,128	8 x 8	64	4,954	5 x 7	35	4,515	5 x 7	35	5,644
1.50	2.00	0.165	3.557	8 x 8	64	4,553	8 x 8	64	5,464	5 x 7	35	4,980	5 x 7	35	6,225
1.50	2.00	0.180	3.859	8 x 8	64	4,940	8 x 8	64	5,927	5 x 7	35	5,403	5 x 7	35	6,753
1.50	2.50	0.065	1.712	8 x 10	80	2,739	8 x 10	80	3,287	7 x 7	49	3,356	7 x 7	49	4,194
1.50	2.50	0.083	2.164	8 x 10	80	3,462	8 x 10	80	4,155	7 x 7	49	4,241	7 x 7	49	5,302
1.50	2.50	0.095	2.461	8 x 10	80	3,938	8 x 10	80	4,725	5 x 7	35	3,445	5 x 7	35	4,307
1.50	2.50	0.109	2.803	8 x 10	80	4,485	8 x 10	80	5,382	5 x 7	35	3,924	5 x 7	35	4,905
1.50	2.50	0.120	3.068	8 x 10	80	4,909	8 x 10	80	5,891	5 x 7	35	4,295	5 x 7	35	5,369
1.50	2.50	0.134	3.401	8 x 8	64	4,353	8 x 8	64	5,224	5 x 7	35	4,761	5 x 7	35	5,952
1.50	2.50	0.148	3.728	8 x 8	64	4,772	8 x 8	64	5,726	5 x 5	25	3,728	5 x 5	25	4,660
1.50	2.50	0.165	4.118	6 x 10	60	4,942	6 x 10	60	5,930	5 x 5	25	4,118	5 x 5	25	5,148
1.50	2.50	0.180	4.455	6 x 10	60	5,346	6 x 10	60	6,415	5 x 5	25	4,455	5 x 5	25	5,569
1.50	3.00	0.065	1.907	6 x 10	60	2,288	6 x 10	60	2,746	6 x 6	36	2,746	6 x 6	36	3,433
1.50	3.00	0.083	2.446	6 x 10	60	2,935	6 x 10	60	3,522	6 x 6	36	3,522	6 x 6	36	4,403
1.50	3.00	0.095	2.784	6 x 10	60	3,341	6 x 10	60	4,009	6 x 6	36	4,009	6 x 6	36	5,011
1.50	3.00	0.109	3.174	6 x 10	60	3,809	6 x 10	60	4,571	6 x 6	36	4,571	6 x 6	36	5,713
1.50	3.00	0.120	3.476	6 x 10	60	4,171	6 x 10	60	5,005	5 x 6	30	4,171	5 x 6	30	5,214
1.50	3.00	0.134	3.856	6 x 10	60	4,627	6 x 10	60	5,553	5 x 6	30	4,627	5 x 6	30	5,784
1.50	3.00	0.148	4.231	7 x 7	49	4,146	7 x 7	49	4,976	5 x 6	30	5,077	5 x 6	30	6,347
1.50	3.00	0.165	4.679	7 x 7	49	4,585	7 x 7	49	5,503	5 x 6	30	5,615	5 x 6	30	7,019
1.50	3.00	0.180	5.067	7 x 7	49	4,966	7 x 7	49	5,959	5 x 6	30	6,080	5 x 6	30	7,601
2.00	3.00	0.065	2.124	7 x 7	49	2,082	7 x 7	49	2,498	6 x 6	36	3,059	6 x 6	36	3,823
2.00	3.00	0.083	2.728	7 x 7	49	2,673	7 x 7	49	3,208	6 x 6	36	3,928	6 x 6	36	4,910
2.00	3.00	0.095	3.107	7 x 7	49	3,045	7 x 7	49	3,654	6 x 6	36	4,474	6 x 6	36	5,593
2.00	3.00	0.109	3.544	7 x 7	49	3,473	7 x 7	49	4,168	6 x 6	36	5,103	6 x 6	36	6,379
2.00	3.00	0.120	3.884	7 x 7	49	3,806	7 x 7	49	4,568	5 x 6	30	4,661	5 x 6	30	5,826
2.00	3.00	0.134	4.312	7 x 7	49	4,226	7 x 7	49	5,071	5 x 6	30	5,174	5 x 6	30	6,468
2.00	3.00	0.148	4.734	7 x 7	49	4,639	7 x 7	49	5,567	5 x 6	30	5,681	5 x 6	30	7,101
2.00	3.00	0.165	5.240	5 x 7	35	3,668	5 x 7	35	4,402	4 x 6	24	5,030	4 x 6	24	6,288
2.00	3.00	0.180	5.679	5 x 7	35	3,975	5 x 7	35	4,770	4 x 6	24	5,452	4 x 6	24	6,815

## Bundle Chart/Rectangles

Bundle Chart/Rectangles															
RECTANGLES				20 Foot			24 Foot			40 Foot			50 Foot		
OD	Wall	Wt/Ft		WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT
2.00	4.00	0.083	3.293	5 x 7	35	2,305	5 x 7	35	2,766	4 x 6	24	3,161	4 x 6	24	3,952
2.00	4.00	0.095	3.753	5 x 7	35	2,627	5 x 7	35	3,153	4 x 6	24	3,603	4 x 6	24	4,504
2.00	4.00	0.109	4.286	5 x 7	35	3,000	5 x 7	35	3,600	4 x 6	24	4,115	4 x 6	24	5,143
2.00	4.00	0.120	4.700	5 x 7	35	3,290	5 x 7	35	3,948	4 x 6	24	4,512	4 x 6	24	5,640
2.00	4.00	0.134	5.223	5 x 7	35	3,656	5 x 7	35	4,387	4 x 6	24	5,014	4 x 6	24	6,268
2.00	4.00	0.148	5.741	5 x 7	35	4,019	5 x 7	35	4,822	4 x 6	24	5,511	4 x 6	24	6,889
2.00	4.00	0.165	6.362	5 x 7	35	4,453	5 x 7	35	5,344	4 x 6	24	6,108	4 x 6	24	7,634
2.00	4.00	0.180	6.903	5 x 7	35	4,832	5 x 7	35	5,799	4 x 5	20	5,522	4 x 5	20	6,903
2.00	4.00	0.250	8.810	5 x 6	30	5,286	5 x 6	30	6,343	4 x 4	16	5,638	4 x 4	16	7,048
3.00	4.00	0.083	3.857	5 x 6	30	2,314	5 x 6	30	2,777	4 x 5	20	3,086	4 x 5	20	3,857
3.00	4.00	0.095	4.399	5 x 6	30	2,639	5 x 6	30	3,167	4 x 5	20	3,519	4 x 5	20	4,399
3.00	4.00	0.109	5.027	5 x 6	30	3,016	5 x 6	30	3,619	4 x 5	20	4,022	4 x 5	20	5,027
3.00	4.00	0.120	5.516	5 x 6	30	3,310	5 x 6	30	3,972	4 x 5	20	4,413	4 x 5	20	5,516
3.00	4.00	0.134	6.134	5 x 6	30	3,680	5 x 6	30	4,416	4 x 5	20	4,907	4 x 5	20	6,134
3.00	4.00	0.148	6.747	5 x 6	30	4,048	5 x 6	30	4,858	4 x 5	20	5,398	4 x 5	20	6,747
3.00	4.00	0.165	7.848	5 x 6	30	4,709	5 x 6	30	5,651	3 x 4	12	3,767	3 x 4	12	4,709
3.00	4.00	0.180	8.127	5 x 6	30	4,876	5 x 6	30	5,851	3 x 4	12	3,901	3 x 4	12	4,876
3.00	4.00	0.250	10.510	5 x 5	25	5,255	5 x 5	25	6,306	3 x 4	12	5,045	3 x 4	12	6,306
2.00	5.00	0.083	3.857	4 x 8	32	2,468	4 x 8	32	2,962	4 x 5	20	3,086	4 x 5	20	3,857
2.00	5.00	0.095	4.399	4 x 8	32	2,815	4 x 8	32	3,378	4 x 5	20	3,519	4 x 5	20	4,399
2.00	5.00	0.109	5.027	4 x 8	32	3,217	4 x 8	32	3,861	4 x 5	20	4,022	4 x 5	20	5,027
2.00	5.00	0.120	5.516	4 x 8	32	3,530	4 x 8	32	4,236	4 x 5	20	4,413	4 x 5	20	5,516
2.00	5.00	0.134	6.134	4 x 8	32	3,926	4 x 8	32	4,711	4 x 5	20	4,907	4 x 5	20	6,134
2.00	5.00	0.148	6.747	4 x 8	32	4,318	4 x 8	32	5,182	4 x 5	20	5,398	4 x 5	20	6,747
2.00	5.00	0.165	7.848	4 x 8	32	5,023	4 x 8	32	6,027	3 x 4	12	3,767	3 x 4	12	4,709
2.00	5.00	0.180	8.127	4 x 6	24	3,901	4 x 6	24	4,681	3 x 4	12	3,901	3 x 4	12	4,876
2.00	5.00	0.250	10.510	4 x 6	24	5,045	4 x 6	24	6,054	3 x 4	12	5,045	3 x 4	12	6,306
3.00	5.00	0.109	5.768	4 x 7	28	3,230	4 x 7	28	3,876	4 x 4	16	3,692	4 x 4	16	4,614
3.00	5.00	0.120	6.332	4 x 7	28	3,546	4 x 7	28	4,255	4 x 4	16	4,052	4 x 4	16	5,066
3.00	5.00	0.134	7.045	4 x 7	28	3,945	4 x 7	28	4,734	3 x 4	12	3,382	3 x 4	12	4,227
3.00	5.00	0.148	7.753	4 x 7	28	4,342	4 x 7	28	5,210	3 x 4	12	3,721	3 x 4	12	4,652
3.00	5.00	0.165	8.606	4 x 7	28	4,819	4 x 7	28	5,783	3 x 4	12	4,131	3 x 4	12	5,164
3.00	5.00	0.180	9.351	4 x 5	20	3,740	4 x 5	20	4,488	3 x 4	12	4,488	3 x 4	12	5,611
3.00	5.00	0.250	12.210	4 x 5	20	4,884	4 x 5	20	5,861	3 x 4	12	5,861	3 x 4	12	7,326

## Bundle Chart/Rectangles

Bundle Chart/Rectangles															
RECTANGLES				20 Foot			24 Foot			40 Foot			50 Foot		
OD	Wall	Wt/Ft		WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT
2.00	6.00	0.109	5.768	4 x 7	28	3,230	4 x 7	28	3,876	4 x 4	16	3,692	4 x 4	16	4,614
2.00	6.00	0.120	6.332	4 x 7	28	3,546	4 x 7	28	4,255	4 x 4	16	4,052	4 x 4	16	5,066
2.00	6.00	0.134	7.045	4 x 7	28	3,945	4 x 7	28	4,734	3 x 4	12	3,382	3 x 4	12	4,227
2.00	6.00	0.148	7.753	4 x 7	28	4,342	4 x 7	28	5,210	3 x 4	12	3,721	3 x 4	12	4,652
2.00	6.00	0.165	8.606	4 x 7	28	4,819	4 x 7	28	5,783	3 x 4	12	4,131	3 x 4	12	5,164
2.00	6.00	0.180	9.351	4 x 5	20	3,740	4 x 5	20	4,488	3 x 4	12	4,488	3 x 4	12	5,611
2.00	6.00	0.250	12.210	4 x 5	20	4,884	4 x 5	20	5,861	3 x 4	12	5,861	3 x 4	12	7,326
3.00	6.00	0.109	6.410	4 x 6	24	3,077	4 x 6	24	3,692	4 x 4	16	4,102	4 x 4	16	5,128
3.00	6.00	0.120	7.028	4 x 6	24	3,373	4 x 6	24	4,048	4 x 4	16	4,498	4 x 4	16	5,622
3.00	6.00	0.134	7.806	4 x 6	24	3,747	4 x 6	24	4,496	3 x 4	12	3,747	3 x 4	12	4,684
3.00	6.00	0.148	8.657	4 x 6	24	4,155	4 x 6	24	4,986	3 x 4	12	4,155	3 x 4	12	5,194
3.00	6.00	0.165	9.621	4 x 6	24	4,618	4 x 6	24	5,542	3 x 4	12	4,618	3 x 4	12	5,773
3.00	6.00	0.180	10.467	4 x 4	16	3,349	4 x 4	16	4,019	3 x 4	12	5,024	3 x 4	12	6,280
3.00	6.00	0.250	13.914	4 x 4	16	4,452	4 x 4	16	5,343	3 x 4	12	6,679	3 x 4	12	8,348
4.00	5.00	0.109	6.410	4 x 5	20	2,564	4 x 5	20	3,077	4 x 4	16	4,102	4 x 4	16	5,128
4.00	5.00	0.120	7.028	4 x 5	20	2,811	4 x 5	20	3,373	4 x 4	16	4,498	4 x 4	16	5,622
4.00	5.00	0.134	7.806	4 x 5	20	3,122	4 x 5	20	3,747	3 x 4	12	3,747	3 x 4	12	4,684
4.00	5.00	0.148	8.657	4 x 5	20	3,463	4 x 5	20	4,155	3 x 4	12	4,155	3 x 4	12	5,194
4.00	5.00	0.165	9.621	4 x 5	20	3,848	4 x 5	20	4,618	3 x 4	12	4,618	3 x 4	12	5,773
4.00	5.00	0.180	10.467	4 x 4	16	3,349	4 x 4	16	4,019	3 x 4	12	5,024	3 x 4	12	6,280
4.00	5.00	0.250	13.914	4 x 4	16	4,452	4 x 4	16	5,343	3 x 4	12	6,679	3 x 4	12	8,348
4.00	6.00	0.109	7.149	4 x 5	20	2,860	4 x 5	20	3,432	4 x 4	16	4,575	4 x 4	16	5,719
4.00	6.00	0.120	7.844	4 x 5	20	3,138	4 x 5	20	3,765	4 x 4	16	5,020	4 x 4	16	6,275
4.00	6.00	0.134	8.718	4 x 5	20	3,487	4 x 5	20	4,185	3 x 4	12	4,185	3 x 4	12	5,231
4.00	6.00	0.148	9.645	4 x 5	20	3,858	4 x 5	20	4,630	3 x 4	12	4,630	3 x 4	12	5,787
4.00	6.00	0.165	10.723	4 x 5	20	4,289	4 x 5	20	5,147	3 x 4	12	5,147	3 x 4	12	6,434
4.00	6.00	0.180	11.669	4 x 4	16	3,734	4 x 4	16	4,481	3 x 4	12	5,601	3 x 4	12	7,001
4.00	6.00	0.250	15.620	4 x 4	16	4,998	4 x 4	16	5,998	3 x 4	12	7,498	3 x 4	12	9,372
min/max: W 10.5" - 25"; H 9" - 24"															

## Bundle Chart/Squares

SQUARES			20 Foot			24 Foot			40 Foot			50 Foot		
OD	WALL	WT/ FT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT
1.50	0.065	1.269	9 x 9	81	2,056	9 x 9	81	2,467	9 x 9	81	4,112	9 x 9	81	5,139
1.50	0.083	1.600	9 x 9	81	2,592	9 x 9	81	3,110	9 x 9	81	5,184	7 x 7	64	5,120
1.50	0.095	1.815	9 x 9	81	2,940	9 x 9	81	3,528	9 x 9	81	5,881	7 x 7	49	4,447
1.50	0.109	2.062	9 x 9	81	3,340	9 x 9	81	4,009	8 x 8	64	5,279	7 x 7	49	5,052
1.50	0.120	2.252	9 x 9	81	3,648	9 x 9	81	4,378	8 x 8	64	5,765	7 x 7	49	5,517
1.50	0.134	2.489	9 x 9	81	4,032	9 x 9	81	4,839	7 x 7	49	4,878	7 x 6	42	5,227
1.50	0.148	2.721	9 x 9	81	4,408	9 x 9	81	5,290	7 x 7	49	5,333	6 x 6	36	4,898
1.75	0.065	1.490	9 x 9	81	2,414	9 x 9	81	2,897	8 x 8	64	3,814	8 x 8	64	4,768
1.75	0.083	1.882	9 x 9	81	3,049	9 x 9	81	3,659	8 x 8	64	4,818	7 x 7	49	4,611
1.75	0.095	2.138	9 x 9	81	3,464	9 x 9	81	4,156	8 x 8	64	5,473	7 x 7	49	5,238
1.75	0.109	2.433	9 x 9	81	3,941	9 x 9	81	4,730	7 x 7	49	4,769	7 x 6	42	5,109
1.75	0.120	2.660	9 x 9	81	4,309	9 x 9	81	5,171	7 x 7	49	5,214	7 x 6	42	5,586
1.75	0.134	2.945	9 x 9	81	4,771	9 x 9	81	5,725	7 x 7	49	5,772	6 x 6	36	5,301
1.75	0.148	3.225	8 x 8	64	4,128	8 x 8	64	4,954	6 x 6	36	4,644	6 x 6	36	5,805
1.75	0.165	3.557	8 x 8	64	4,553	8 x 8	64	5,464	6 x 6	36	5,122	6 x 5	30	5,336
1.75	0.180	3.859	8 x 8	64	4,940	8 x 8	64	5,927	6 x 6	36	5,557	6 x 5	30	5,789
2.00	0.065	1.712	8 x 8	64	2,191	8 x 8	64	2,630	8 x 8	64	4,383	7 x 7	49	4,194
2.00	0.083	2.164	8 x 8	64	2,770	8 x 8	64	3,324	8 x 8	64	5,540	7 x 7	49	5,302
2.00	0.095	2.461	8 x 8	64	3,150	8 x 8	64	3,780	7 x 7	49	4,824	7 x 6	42	5,168
2.00	0.109	2.803	8 x 8	64	3,588	8 x 8	64	4,305	7 x 7	49	5,494	7 x 6	42	5,886
2.00	0.120	3.068	8 x 8	64	3,927	8 x 8	64	4,712	6 x 6	36	4,418	6 x 6	36	5,522
2.00	0.134	3.401	8 x 8	64	4,353	8 x 8	64	5,224	6 x 6	36	4,897	6 x 5	30	5,102
2.00	0.148	3.728	8 x 8	64	4,772	8 x 8	64	5,726	6 x 6	36	5,368	6 x 5	30	5,592
2.00	0.165	4.118	8 x 8	64	5,271	8 x 8	64	6,325	6 x 6	36	5,930	5 x 5	25	5,148
2.00	0.180	4.455	8 x 8	64	5,702	8 x 8	64	6,843	5 x 5	25	4,455	5 x 5	25	5,569
2.25	0.065	1.907	8 x 8	64	2,441	8 x 8	64	2,929	7 x 7	49	3,738	7 x 7	49	4,672
2.25	0.083	2.446	8 x 8	64	3,131	8 x 8	64	3,757	7 x 7	49	4,794	7 x 6	42	5,137
2.25	0.095	2.784	8 x 8	64	3,564	8 x 8	64	4,276	7 x 7	49	5,457	6 x 6	36	5,011
2.25	0.109	3.174	8 x 8	64	4,063	8 x 8	64	4,875	6 x 6	36	4,571	6 x 6	36	5,713
2.25	0.120	3.450	8 x 8	64	4,416	8 x 8	64	5,299	6 x 6	36	4,968	6 x 5	30	5,175
2.25	0.134	3.856	8 x 8	64	4,936	8 x 8	64	5,923	6 x 6	36	5,553	6 x 5	30	5,784
2.25	0.148	4.231	7 x 7	49	4,146	7 x 7	49	4,976	6 x 5	30	5,077	5 x 5	25	5,289
2.25	0.165	4.679	7 x 7	49	4,585	7 x 7	49	5,503	6 x 5	30	5,615	5 x 5	25	5,849
2.25	0.180	4.945	7 x 7	49	4,846	7 x 7	49	5,815	5 x 5	25	4,945	5 x 4	20	4,945

## Bundle Chart/Squares

SQUARES			20 Foot			24 Foot			40 Foot			50 Foot		
OD	WALL	WT/FT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT
2.50	0.065	2.124	7 x 7	49	2,082	7 x 7	49	2,498	7 x 7	49	4,163	7 x 7	49	5,204
2.50	0.083	2.728	7 x 7	49	2,673	7 x 7	49	3,208	7 x 7	49	5,347	6 x 6	36	4,910
2.50	0.095	3.107	7 x 7	49	3,045	7 x 7	49	3,654	7 x 6	42	5,220	6 x 6	36	5,593
2.50	0.109	3.544	7 x 7	49	3,473	7 x 7	49	4,168	6 x 6	36	5,103	6 x 5	30	5,316
2.50	0.120	3.884	7 x 7	49	3,806	7 x 7	49	4,568	6 x 6	36	5,593	6 x 5	30	5,826
2.50	0.134	4.312	7 x 7	49	4,226	7 x 7	49	5,071	6 x 5	30	5,174	5 x 5	25	5,390
2.50	0.148	4.734	7 x 7	49	4,639	7 x 7	49	5,567	6 x 5	30	5,681	5 x 4	20	4,734
2.50	0.165	5.240	7 x 7	49	5,135	7 x 6	42	5,282	5 x 5	25	5,240	5 x 4	20	5,240
2.50	0.180	5.679	7 x 7	49	5,565	7 x 6	42	5,724	5 x 5	25	5,679	5 x 4	20	5,679
3.00	0.083	3.293	7 x 7	49	3,227	7 x 6	42	3,319	6 x 6	36	4,742	6 x 5	30	4,940
3.00	0.095	3.753	7 x 7	49	3,678	7 x 6	42	3,783	6 x 6	36	5,404	6 x 5	30	5,630
3.00	0.109	4.286	7 x 7	49	4,200	7 x 6	42	4,320	6 x 5	30	5,143	5 x 5	25	5,358
3.00	0.120	4.700	7 x 7	49	4,606	7 x 6	42	4,738	6 x 5	30	5,640	5 x 5	25	5,875
3.00	0.134	5.223	7 x 7	49	5,119	7 x 6	42	5,265	5 x 5	25	5,223	5 x 4	20	5,223
3.00	0.148	5.741	7 x 7	49	5,626	7 x 6	42	5,787	5 x 5	25	5,741	5 x 4	20	5,741
3.00	0.165	6.362	7 x 6	42	5,344	6 x 6	36	5,497	5 x 4	20	5,090	4 x 4	16	5,090
3.00	0.180	6.903	7 x 6	42	5,799	6 x 5	30	4,970	5 x 4	20	5,522	4 x 4	16	5,522
3.00	0.250	8.810	6 x 5	30	5,286	6 x 5	30	6,343	4 x 4	16	5,638	4 x 3	12	5,286
3.50	0.083	3.857	7 x 7	49	3,780	7 x 7	49	4,536	6 x 6	36	5,554	5 x 5	25	4,821
3.50	0.095	4.399	7 x 7	49	4,311	7 x 7	49	5,173	6 x 5	30	5,279	5 x 5	25	5,499
3.50	0.109	5.027	7 x 7	49	4,926	6 x 6	36	4,343	5 x 5	25	5,027	5 x 4	20	5,027
3.50	0.120	5.516	7 x 7	49	5,406	6 x 6	36	4,766	5 x 5	25	5,516	5 x 4	20	5,516
3.50	0.134	6.134	7 x 6	42	5,153	6 x 6	36	5,300	4 x 4	16	3,926	4 x 4	16	4,907
3.50	0.148	6.747	7 x 6	42	5,667	6 x 6	36	5,829	4 x 4	16	4,318	4 x 4	16	5,398
3.50	0.165	7.848	6 x 6	36	5,651	5 x 5	25	4,709	4 x 4	16	5,023	4 x 3	12	4,709
3.50	0.180	8.127	6 x 6	36	5,851	5 x 5	25	4,876	4 x 4	16	5,201	4 x 3	12	4,876
3.50	0.250	10.510	5 x 5	25	5,255	5 x 5	25	6,306	4 x 3	12	5,045	3 x 3	9	4,730
4.00	0.083	4.359	6 x 6	36	3,138	6 x 6	36	3,766	5 x 5	25	4,359	5 x 5	25	5,449
4.00	0.095	4.977	6 x 6	36	3,583	6 x 6	36	4,300	5 x 5	25	4,977	5 x 4	20	4,977
4.00	0.109	5.768	6 x 6	36	4,153	6 x 6	36	4,984	5 x 5	25	5,768	5 x 4	20	5,768
4.00	0.120	6.332	6 x 6	36	4,559	6 x 6	36	5,471	5 x 4	20	5,066	4 x 4	16	5,066
4.00	0.134	7.045	6 x 6	36	5,072	5 x 5	25	4,227	5 x 4	20	5,636	4 x 4	16	5,636
4.00	0.148	7.753	5 x 5	25	3,877	5 x 5	25	4,652	4 x 4	16	4,962	4 x 3	12	4,652
4.00	0.165	8.606	5 x 5	25	4,303	5 x 5	25	5,164	4 x 4	16	5,508	4 x 3	12	5,164
4.00	0.180	9.351	5 x 5	25	4,676	5 x 5	25	5,611	4 x 3	12	4,488	4 x 3	12	5,611
4.00	0.250	12.210	5 x 4	20	4,884	5 x 4	20	5,861	4 x 3	12	5,861	3 x 3	9	5,495

## Bundle Chart/Squares

Bundle Chart/Squares														
SQUARES			20 Foot			24 Foot			40 Foot			50 Foot		
OD	WALL	WT/FT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT	WxH	PCS	BDL WT
4.50	0.109	6.410	5 x 5	25	3,205	5 x 5	25	3,846	4 x 4	16	4,102	4 x 4	16	5,128
4.50	0.120	7.028	5 x 5	25	3,514	5 x 5	25	4,217	4 x 4	16	4,498	4 x 4	16	5,622
4.50	0.134	7.806	5 x 5	25	3,903	5 x 5	25	4,684	4 x 4	16	4,996	4 x 3	12	4,684
4.50	0.148	8.657	5 x 5	25	4,329	5 x 5	25	5,194	4 x 4	16	5,540	4 x 3	12	5,194
4.50	0.165	9.621	5 x 5	25	4,811	5 x 5	25	5,773	4 x 3	12	4,618	4 x 3	12	5,773
4.50	0.180	10.467	5 x 5	25	5,234	5 x 4	20	5,024	4 x 3	12	5,024	3 x 3	9	4,710
4.50	0.250	13.914	5 x 4	20	5,566	4 x 4	16	5,343	4 x 3	12	6,679	3 x 2	6	4,174
5.00	0.120	7.844	5 x 4	20	3,138	5 x 4	20	3,765	4 x 4	16	5,020	4 x 3	12	4,706
5.00	0.134	8.718	5 x 4	20	3,487	5 x 4	20	4,185	4 x 4	16	5,580	4 x 3	12	5,231
5.00	0.148	9.645	5 x 4	20	3,858	5 x 4	20	4,630	4 x 3	12	4,630	4 x 3	12	5,787
5.00	0.165	10.723	5 x 4	20	4,289	5 x 4	20	5,147	4 x 3	12	5,147	3 x 3	9	4,825
5.00	0.180	11.669	5 x 4	20	4,668	5 x 4	20	5,601	4 x 3	12	5,601	3 x 3	9	5,251
5.00	0.250	15.620	4 x 4	16	4,998	4 x 4	16	5,998	3 x 3	9	5,623	3 x 2	6	4,686
min/max: W 10.5" - 25"; H 9" - 24"														