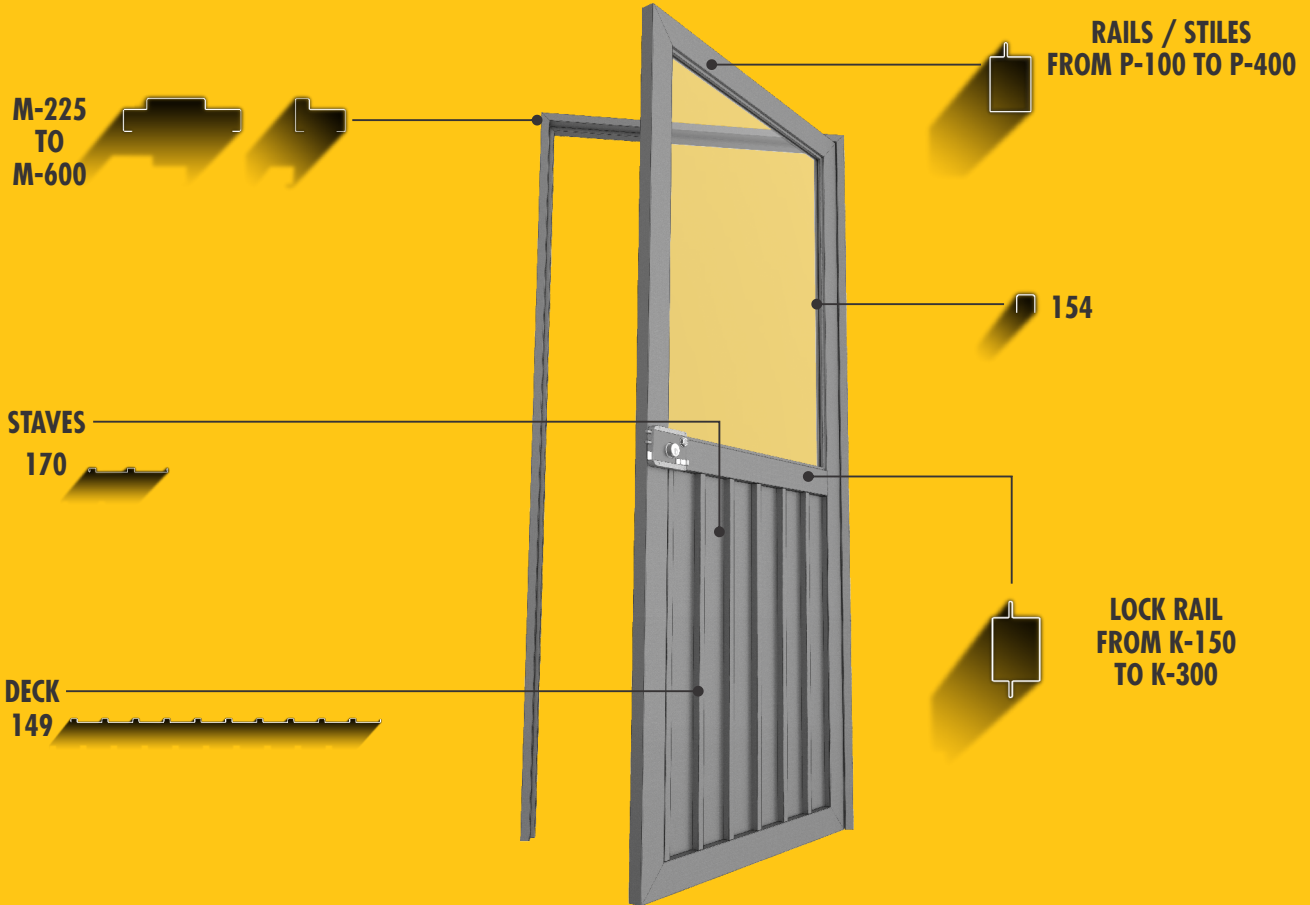


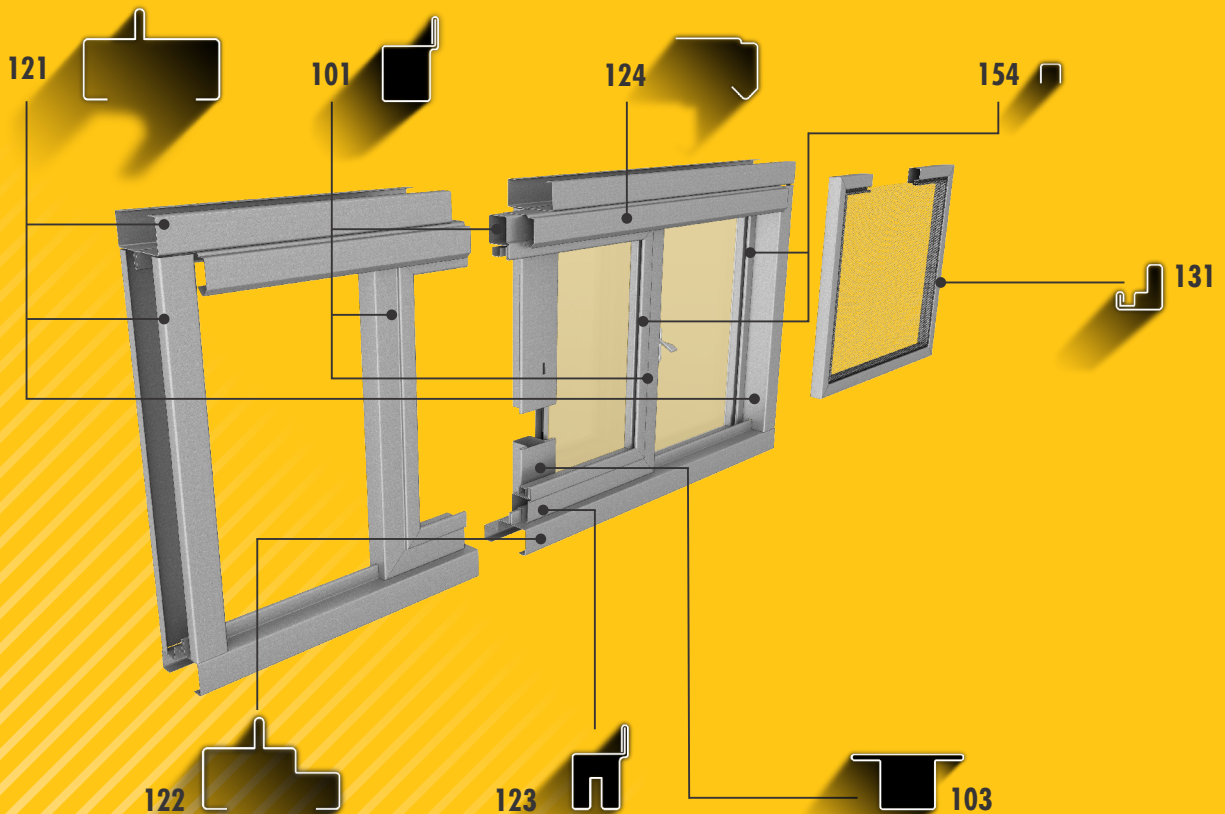
# PRODUCTS



**DOOR SHAPES**




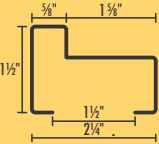
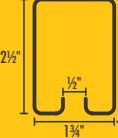
**WINDOW SHAPES**



SHAPES							
Shape / Descripción	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / bundle	Kg / m	
	101	20	0.0359	RP / GG	6.00	100	0.91
	18	0.0478	RP	6.00	100	1.22	
	103	20	0.0359	RP / GG	6.00	80	1.08
	18	0.0478	RP	6.00	80	1.47	
	106	20	0.0359	*	6.00	80	1.08
	18	0.0478	RP	6.00	80	1.47	
	121	20	0.0359	RP / GG	6.00	96	1.00
	18	0.0478	*	6.00	96	1.36	
	122	20	0.0359	RP / GG	6.00	80	1.00
	18	0.0478	*	6.00	80	1.36	
	123	20	0.0359	RP / GG	6.00	80	1.07
	124	18	0.0478	RP / GG	6.00	100	0.68
	127	18	0.0478	RP	6.00	60	1.91
	131	20	0.0359	RP	6.00	160	0.64
	159	18	0.0478	RP	6.00	54	1.81

- RP - Red Paint.
- GG - Green Galvanized.
- \* - Made to order.

## SHAPES

Shape / Description	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / bundle	Kg / m
	18	0.0478	RP	6.00	450	0.25
	20	0.0359	RP / GG	5.50	96	1.03
	18	0.0478	RP / GG	5.50	96	1.41
	20	0.0359	RP	5.50	96	1.17
	20	0.0359	RP	5.50	42	1.56
	20	0.0359	RP	5.50	42	1.69
	18	0.0478	RP / GG	6.00	72	1.24
	16	0.0598	RP	6.00	30	2.45
	14	0.0747	RP / NG	6.00	32	3.06
	20	0.0359	*	6.00	90	1.08
	18	0.0478	RP	6.00	90	1.47

- Made to order products are subject to minimum orders.
- Available in cold rolled steel with red primer and galvanized with green primer.
- RP - Red Paint.
- GG - Green Galvanized.
- \* - Made to order.

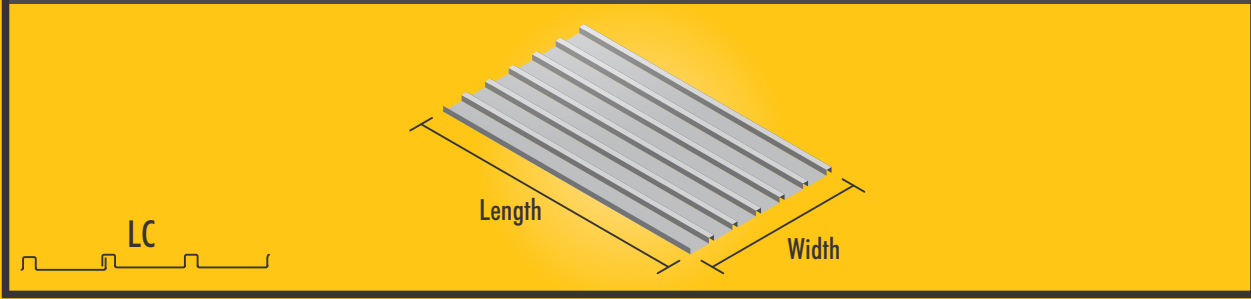
SHAPES

Shape / Description	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / bundle	Kg / m
	20	0.0359	RP / GG	6.00	48	1.27
	18	0.0478	RP	6.00	48	1.72
	20	0.0359	RP / GG	6.00	96	1.01
	18	0.0478	RP / GG	6.00	96	1.36
	20	0.0359	RP / GG	6.00	70	1.19
	18	0.0478	RP	6.00	70	1.61
	20	0.0359	RP / GG	6.00	72	1.37
	18	0.0478	RP	6.00	72	1.86
	20	0.0359	RP / GG	6.00	42	1.56
	18	0.0478	RP	6.00	42	2.09
	20	0.0359	RP / GG	6.00	54	1.73
	18	0.0478	RP	6.00	54	2.32
	20	0.0359	RP / GG	6.00	48	2.09
	18	0.0478	RP	6.00	48	2.82
	18	0.0478	*	6.00	96	1.58
	20	0.0359	*	6.00	54	1.34
	18	0.0478	RP	6.00	54	1.83
	20	0.0359	*	6.00	48	1.52
	20	0.0359	RP	6.00	45	1.88
	18	0.0478	RP	6.00	45	2.57

- Made to order products are subject to minimum orders.
- Available in cold rolled steel with red primer and galvanized with green primer.
- RP - Red Paint.
- GG - Green Galvanized.
- \* - Made to order.

**MOULDING DIRECTION**

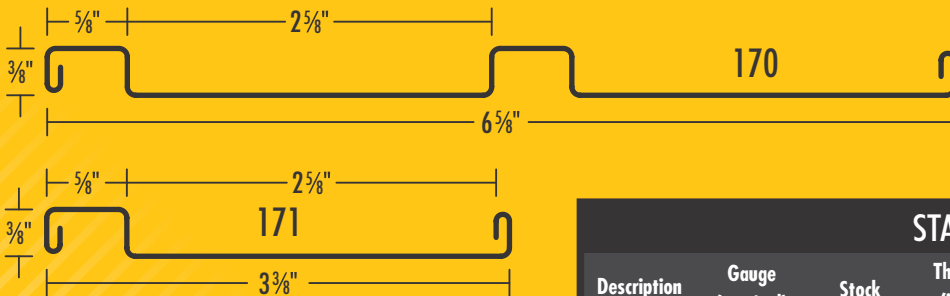
"L" Moulding on Length


**DECKS**

Description	Nominal dimension		Gauge (nominal)	Thickness (inches)	Stock	Effective dimension		Kg / m
	Width (feet)	Length (feet)				Width (meters)	Length (meters)	
149-LC	3'	3'	20	0.0359	*	0.81	0.91	6.53
	3'	6.4'	20	0.0359	RP	0.81	1.95	6.53
	3'	8'	20	0.0359	RP	0.81	2.44	6.53
	3'	10'	20	0.0359	RP	0.81	3.05	6.53

LC - Molding on length (Continuous)  
 RP - Red paint.  
 \* - Made to order.

- Bundles include 50 pieces each.
- Made to order products are subject to minimum orders.
- Length and width dimensions are based on the sheet's size before being pressed.


**STAVES**

Description	Gauge (nominal)	Stock	Thickness (inches)	Length (meters)	Pieces / bundle	Kg / m
170	20	RP/GG	0.0359	6.00	60	1.54
171	20	RP	0.0359	6.00	120	0.86

- Made to order products are subject to minimum orders.
- Available in cold rolled steel with red primer and galvanized with green primer.

STEEL SHEETS															
Description	Width (feet)	Length (feet)	Width (meters)	Length (meters)	Sheet type	Gauge (nominal)	Thickness (inches)	Kilogram / Piece	Pieces / Bundle	Kilograms / Bundle					
L 3x8	3	8	0.91	2.44	CR	20	0.0359	15.95	95	1,516					
						18	0.0478	21.78	75	1,593					
						16	0.0598	26.57	60	1,594					
					HR	16	0.0598	26.57	60	1,594					
						14	0.0747	34.66	50	1,733					
L 3x10	3	10	0.91	3.05	CR	24	0.0239	13.28	120	1,593					
						22	0.0299	16.61	95	1,578					
						20	0.0359	19.94	80	1,595					
						18	0.0478	27.22	60	1,633					
						16	0.0598	34.44	50	1,722					
					HR	16	0.0598	34.44	50	1,722					
						14	0.0747	43.33	40	1,733					
						12	0.1046	60.55	30	1,816					
						11	0.1196	69.23	22	1,523					
						10	0.1345	80.50	20	1,610					
					3/16"	0.1875	104.40	15	1,566						
L 4x8	4	8	1.22	2.44	CR	20	0.0359	21.27	75	1,595					
						18	0.0478	29.03	55	1,558					
						16	0.0598	36.31	45	1,634					
					HR	16	0.0598	36.31	45	1,634					
						14	0.0747	46.22	40	1,849					
						11	0.1196	70.81	22	1,558					
					3/16"	0.1875	115.76	15	1,736						
L 4x10	4	10	1.22	3.05	CR	22	0.0299	22.15	70	1,550					
						20	0.0359	26.59	60	1,595					
						18	0.0478	35.43	40	1,417					
						16	0.0598	44.29	40	1,772					
						16	0.0598	44.29	40	1,772					
					HR	14	0.0747	57.77	30	1,733					
						12	0.1046	80.73	20	1,615					
						11	0.1196	88.58	20	1,772					
						10	0.1345	99.62	16	1,594					
											3/16"	0.1875	144.70	11	1,592
											1/4"	0.2500	192.93	10	1,929

NON-SLIP STEEL SHEET										
Description	Width (feet)	Length (feet)	Width (meters)	Length (meters)	Sheet type	Gauge (nominal)	Thickness (inches)	Kilogram / Piece	Pieces / Bundle	Kilograms / Bundle
AT 3x8	3	8	0.91	2.44	HR	14	0.0747	33.20	50	1,660
AT 3x10	3	10	0.91	3.05	HR	14	0.0747	41.49	50	2,075
AT 4x8	4	8	1.22	2.44	HR	14	0.0747	46.22	40	1,849
AT 4x10	4	10	1.22	3.05	HR	14	0.0747	57.77	30	1,733

CR - Cold Rolled  
HR - Hot Rolled

• Theoretical Weights

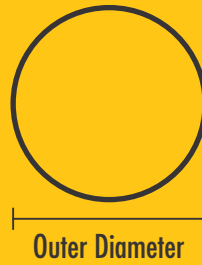


<b>GALVANIZED FENCE TUBING</b>						
Ext Dia (inches)	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m
1.000	18	0.0478	*	6.00	137	0.72
	16	0.0598	*	6.00	127	0.89
1.315	20	0.0359	*	6.00	102	0.73
	18	0.0478	*	6.00	91	0.96
1.500	20	0.0359	NG	6.00	95	0.84
	18	0.0478	NG	6.00	95	1.10
1.660	20	0.0359	*	6.00	127	0.93
	18	0.0478	*	6.10	127	1.22
1.900	20	0.0359	NG	6.00	67	1.06
	18	0.0478	NG	6.00	67	1.41
	16	0.0598	*	6.00	61	1.75
	14	0.0747	*	6.00	61	2.17
2.375	18	0.0478	NG	6.00	60	1.77
	16	0.0598	*	6.00	37	2.20
	14	0.0747	*	6.00	37	2.73
2.875	18	0.0478	*	6.00	39	2.15
	16	0.0598	*	6.10	37	2.68
	14	0.0747	*	6.00	37	3.32

- Made to order products are subject to minimum orders.
- ASTM A500 & ASTM A513 Standard.
- Ask your sales representative for different lengths, thicknesses and coatings.

- NG - Natural galvanized
- \* - Made to order





ROUND TUBING

Description	Dia. inches	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m	Description	Dia. inches	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m	
1/2"	0.500"	22	0.0299	N	6.00	228	0.22	1 1/2"	1.500"	18	0.0478	N / NG	6.03	95	1.10	
		20	0.0359	N	6.03	228	0.26			16	0.0598	N	6.03	91	1.37	
		18	0.0478	N	6.03	228	0.34			14	0.0747	*	6.03	91	1.69	
5/8"	0.625"	22	0.0299	*	6.03	216	0.28	1 3/4"	1.750"	20	0.0359	*	6.03	69	0.98	
		20	0.0359	N	6.03	216	0.34			18	0.0478	N	6.03	69	1.29	
		18	0.0478	N	6.03	228	0.44			16	0.0598	N	6.03	91	1.61	
14	0.0747	*	6.40	217	0.71	14	0.0747			*	6.03	61	1.99			
3/4"	0.750"	22	0.0299	*	6.03	186	0.34	1 7/8"	1.875"	20	0.0359	*	6.03	95	1.05	
		20	0.0359	N	6.03	186	0.41			12	0.1046	*	6.03	50	2.94	
		18	0.0478	N	6.03	186	0.53	2"	2.000"	20	0.0359	*	6.03	67	1.12	
		16	0.0598	*	6.03	169	0.66			18	0.0478	N	6.03	67	1.48	
0.840"	13	0.0897	*	6.40	91	1.07	16	0.0598		N	6.03	61	1.84			
		20	0.0359	N	6.03	180	0.48	14		0.0747	*	6.03	61	2.29		
		18	0.0478	N	6.03	150	0.63	2 1/8"	2.125"	14	0.0747	*	6.03	61	2.43	
7/8"	0.875"	14	0.0747	*	6.03	169	0.95	2 1/4"	2.250"	18	0.0478	*	6.03	60	1.67	
		20	0.0359	N	6.03	137	0.55			16	0.0598	N	6.03	61	2.08	
		18	0.0478	N	6.03	137	0.72			14	0.0747	*	6.03	61	2.58	
1"	1.000"	16	0.0598	N	6.03	127	0.89	2 1/2"	2.500"	18	0.0478	N	6.03	60	1.86	
		1.125"	18	0.0478	*	6.03	175			0.82	16	0.0598	N	6.03	60	2.32
			14	0.0747	*	6.03	186			1.25	14	0.0747	*	6.03	61	2.88
1 1/4"	1.250"	20	0.0359	N	6.03	124	0.69			2 3/4"	2.750"	11	0.1196	*	6.03	30
		18	0.0478	N	6.03	124	0.91	18	0.0478			N	6.03	39	2.24	
		16	0.0598	N	6.03	127	1.13	3"	3.000"	16	0.0598	N	6.03	39	2.79	
		14	0.0747	*	6.03	127	1.40			14	0.0747	*	6.03	37	3.47	
1 1/2"	1.315"	20	0.0359	*	6.03	102	0.73	3 1/2"	3.500"	13	0.0897	*	6.03	19	4.86	
		18	0.0478	*	6.03	102	0.96			1/4	0.25	*	6.03	19	12.91	
		16	0.0598	*	6.03	91	1.19	4 1/2"	4.500"	1/4	0.2500	*	6.03	19	16.89	
		12	0.1046	*	6.03	61	2.01									
1 1/2"	1.500"	20	0.0359	N / NG	6.03	95	0.84									

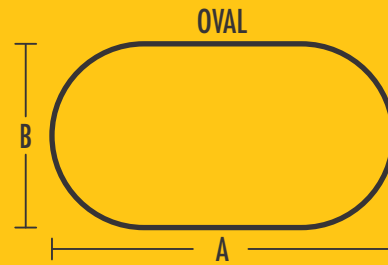
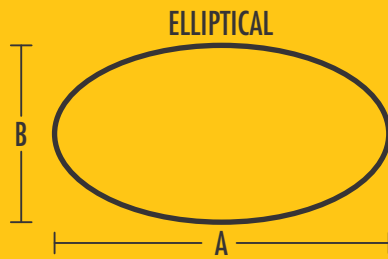
- Made to order products are subject to minimum orders.
- Available in cold rolled steel with red primer and galvanized with green primer.
- ASTM A500 & A513 Standard.
- Ask your sales representative for different lengths, thicknesses and coatings.
- N - Natural.
- NG - Natural Galvanized.
- \* - Made to Order.



SCHEDULE 30								SCHEDULE X					
Nom. Diam (inches)	Ext. Diam (inches)	Gauge (nom.)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m	Gauge (nom.)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m
1/2"	0.840"	14	0.0747	N	6.10	169	0.91	-			-	-	-
3/4"	1.050"	14	0.0747	N	6.10	127	1.16	-			-	-	-
1"	1.315"	14	0.0747	N	6.10	91	1.47	-			-	-	-
1 1/4"	1.660"	13	0.0897	N	6.10	61	2.24	-			-	-	-
1 1/2"	1.900"	13	0.0897	N	6.10	61	2.58	-			-	-	-
2"	2 3/8"	12	0.1046	N	6.10	37	3.77	10	0.1345	N	6.40	37	4.79
2 1/2"	2 7/8"	12	0.1046	N	6.10	37	4.61	9	0.1495	*	6.40	37	6.48
3"	3 1/2"	11	0.1196	N	6.10	19	6.43	3/16"	0.1880	*	6.40	19	9.87
4"	4 1/2"	11	0.1196	N	6.10	19	8.33	3/16"	0.1880	*	6.40	19	12.85
6"	6 5/8"	3/16"	0.1880	N	6.10	7	19.23	3/16"	0.1880	*	6.40	7	19.18

SCHEDULE 40								SCHEDULE 80					
Nom. Diam (inches)	Ext. Diam (inches)	Gauge (nom.)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m	Gauge (nom.)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m
1/4"	0.540"	14	0.0747	*	6.40	169	0.55	-			-	-	-
3/8"	0.675"	13	0.0897	*	6.40	169	0.83	-			-	-	-
1/2"	0.840"	12	0.1046	N	6.40	91	1.22	-			-	-	-
3/4"	1.050"	12	0.1046	N	6.40	91	1.57	-			-	-	-
1"	1.315"	10	0.1345	N	6.40	61	2.52	-			-	-	-
1 1/4"	1.660"	10	0.1345	N	6.40	37	3.26	-			-	-	-
1 1/2"	1.900"	10	0.1345	N	6.40	37	3.77	-			-	-	-
2"	2 3/8"	9	0.1495	N	6.00	37	5.29	0.216"	0.2160	*	6.40	37	7.41
2 1/2"	2 7/8"	0.203"	0.2030	N	6.40	37	8.62	1/4"	0.2500	*	6.40	37	10.43
3"	3 1/2"	4	0.2242	N	6.00 / 6.40	19	11.67	5/16"	0.3125	*	6.40	19	15.83
4"	4 1/2"	4	0.2242	N	6.40	19	15.24	5/16"	0.3125	*	6.40	19	20.80
6"	6 5/8"	0.280"	0.2800	N	6.40	7	28.24	-			-	-	-

- Made to order products are subject to minimum orders.
- A513 Standard.
- N - Natural.
- \* - Made to Order.



ELLIPTICAL								
Description	Dimensions (mm)		Gauge (nominal)	Espesor (pulgada)	Inventario	Longitud (metros)	Piezas x paquete	Kilogramo x metro
	A	B						
Elliptical 25mm x 16mm	25.40	15.88	16	0.0598	*	6.00	100	0.61
			14	0.0747	*	6.00	100	0.77
Elliptical 30mm x 15mm	29.85	15.24	16	0.0598	*	6.00	100	0.88
			14	0.0747	*	6.00	100	1.02
Elliptical 64mm x 34mm	64.00	34.00	16	0.0598	*	6.00	100	1.97
			14	0.0747	*	6.00	100	2.47

OVAL								
Description	Dimensions (mm)		Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m
	A	B						
Oval 30mm x 15mm	30.00	15.00	20	0.0359	*	6.00	100	0.53
			18	0.0478	*	6.00	100	0.74
			16	0.0598	*	6.00	100	0.91
			14	0.0747	*	6.00	100	1.15
Oval 1.125" x 0.625"	28.58	15.88	20	0.0359	*	6.03	186	0.55
			18	0.0478	*	6.03	186	0.73
			14	0.0747	*	6.03	100	1.19
Oval 1.610" x 0.600"	40.90	15.34	20	0.0359	*	6.00	250	0.72
			18	0.0478	*	6.00	250	0.96
			16	0.0598	*	6.00	250	1.20
			14	0.0747	*	6.00	250	1.43
Oval 65mm x 35mm	65.00	35.00	16	0.0598	*	6.33	50	2.07
Oval 70mm x 42mm	70.00	42.00	20	0.0359	*	6.00	50	1.37
			18	0.0478	*	6.00	50	1.82
			16	0.0598	*	6.00	50	2.30
			14	0.0747	*	6.00	50	2.82
			12	0.1046	*	6.00	50	4.01
Oval 74mm x 10mm	74.00	10.00	16	0.0598	*	6.03	186	1.92

- Made to order products are subject to minimum orders.
- Ask your sales representative for different lengths, thickness and coatings.
- \* - Made to Order.

## MECHANICAL & STRUCTURAL - SQUARE TUBING

Description	Dia. Inches	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m	Description	Dia. Inches	Gauge (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m		
C-050	0.500"	22	0.0299	*	6.00	231	0.28	C-200	2.000"	12	0.1046	N	6.00	40	4.01		
		20	0.0359	N/GG	6.00	231	0.34			11	0.1196	N	6.00	40	4.36		
		18	0.0478	N	6.00	231	0.44			10	0.1345	N	6.00	40	4.84		
		16	0.0598	*	6.00	182	0.53			9	0.1495	N	6.10	40	5.31		
C-062	0.625"	20	0.0359	*	6.00	252	0.43			3/16	0.1880	N	6.10	40	6.43		
		18	0.0478	*	6.00	252	0.56			1/4	0.2500	N	6.10	40	8.04		
		16	0.0598	*	6.00	252	0.68		C-225	2.250"	16	0.0598	*	6.00	50	2.65	
C-075	0.750"	22	0.0299	*	6.00	120	0.44				14	0.0747	*	6.00	50	3.29	
		20	0.0359	N/RP/GG	6.00	120	0.52				C-250	2.500"	16	0.0598	*	6.00	36
		18	0.0478	N/RP/GG	6.00	120	0.68		14	0.0747			N / NG	6.00	36	3.67	
		16	0.0598	*	6.00	120	0.84		13	0.0897			*	6.00	36	4.38	
14	0.0747	N	6.00	120	1.02	12	0.1046		*	6.00			27	5.07			
C-087	0.875"	20	0.0359	*	6.00	112	0.61	11	0.1196	N	6.00		27	5.57			
		14	0.0747	*	6.00	112	1.21	10	0.1345	N	6.00		27	6.20			
C-100	1.000"	20	0.0359	N/RP/GG	6.00	100	0.70	9	0.1495	*	6.00		27	6.82			
		18	0.0478	N/RP/GG	6.00	100	0.92	3/16	0.1880	N	6.10		27	8.34			
		16	0.0598	N / NG	6.00	100	1.14	1/4	0.2500	*	6.10	27	10.57				
		14	0.0747	N / NG	6.00	100	1.40	C-300	3.000"	14	0.0747	N	6.00	35	4.42		
		13	0.0897	*	6.00	100	1.65			13	0.0897	*	6.00	35	5.28		
		12	0.1046	N	6.00	80	1.90			12	0.1046	*	6.00	21	6.13		
		11	0.1196	N	6.00	80	1.94			11	0.1196	N	6.00	21	6.78		
		10	0.1345	N	6.00	80	2.12			10	0.1345	*	6.00	21	7.56		
C-125	1.250"	20	0.0359	RP/GG	6.00	81	0.88			9	0.1495	N	6.00	21	8.33		
		18	0.0478	N/RP/GG	6.00	81	1.16			3/16	0.1880	N	6.10	21	10.24		
		16	0.0598	N	6.00	81	1.44			1/4	0.2500	N	6.10	21	13.10		
		14	0.0747	N / NG	6.00	81	1.78	C-350	3.500"	14	0.0747	*	6.00	18	5.18		
		12	0.1046	N	6.00	63	2.42			11	0.1196	N	6.00	18	7.99		
		11	0.1196	*	6.00	63	2.55			9	0.1495	*	6.00	18	9.85		
		10	0.1345	*	6.00	63	2.80			3/16	0.1880	N	6.10	18	12.14		
C-150	1.500"	20	0.0359	RP/GG	6.00	49	1.06			1/4	0.2500	N	6.10	18	15.63		
		18	0.0478	N/RP/GG	6.00	49	1.40			C-400	4.000"	14	0.0747	N	6.00	20	5.93
		16	0.0598	N / NG	6.00	49	1.74					11	0.1196	N	6.00	15	9.21
		14	0.0747	N / NG	6.00	49	2.15	10	0.1345			*	6.00	15	10.29		
		12	0.1046	N	6.00	49	2.95	9	0.1495			N	6.00	15	11.36		
		11	0.1196	N	6.00	49	3.15	3/16	0.1880			N	6.10	15	14.04		
		10	0.1345	N	6.00	49	3.48	1/4	0.2500			N	6.10	15	18.16		
		9	0.1495	*	6.00	49	3.79	C-450	4.500"			11	0.1196	*	6.00	12	10.42
16	0.0598	*	6.00	60	2.05	1/4	0.2500					*	6.10	12	15.94		
C-175	1.750"	14	0.0747	NG	6.00	60	2.53	C-500	5.000"	3/16	0.1880	*	6.10	12	20.69		
		11	0.1196	*	6.00	60	3.76			1/4	0.2500	*	6.10	12	17.85		
		20	0.0359	*	6.00	50	1.43			C-600	6.000"	3/16	0.1880	N	12.20	12	23.22
18	0.0478	RP / GG	6.00	50	1.89	1/4	0.2500	*	12.20			9	28.27				
C-200	2.000"	16	0.0598	N / NG	6.00	50	2.35										
		14	0.0747	N / NG	6.00	50	2.91										



- Made to order products are subject to minimum orders.
- Available CR with red primer and galvanized with green primer for gauges 18 & 20.
- ASTM A500 & A513 Standard.
- Ask your sales representative for different lengths, thicknesses and coatings.
- ASTM A500 Grade B steel for gauges 11 and thicker.

- N - Natural.
- RP - Red Paint.
- GG - Green Galvanized.
- NG - Natural Galvanized.
- \* - Made to Order

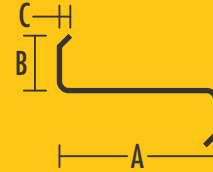
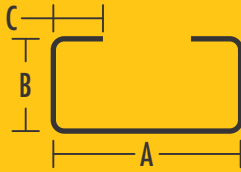
## MECHANICAL & STRUCTURAL RECTANGULAR TUBING

Description	Dia. Inches	Gaude (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m	Description	Dia. Inches	Gaude (nominal)	Thickness (inches)	Stock	Length (meters)	Pieces / Bundle	Kg / m
R-100	1.00x0.50"	20	0.0359	N	6.00	120	0.52	R-300	3.00x1.50"	20	0.0359	RP/GG	6.00	49	1.61
		18	0.0478	N/RP/GG	6.00	120	0.68			18	0.0478	N/RP/GG	6.00	49	2.13
		16	0.0598	*	6.00	120	0.84			16	0.0598	*	6.00	49	2.65
		14	0.0747	*	6.00	120	1.02			14	0.0747	N / NG	6.00	49	3.29
R-125	1.25x0.75"	20	0.0359	RP	6.00	99	0.70	R-302	3.00x2.00"	16	0.0598	*	6.00	28	2.95
		18	0.0478	RP	6.00	99	0.92			14	0.0747	N	6.00	35	3.67
		16	0.0598	*	6.00	99	1.14			12	0.1046	*	6.00	28	5.07
		14	0.0747	*	6.00	99	1.40			11	0.1196	N	6.00	28	5.57
R-155	1.50x0.50"	20	0.0359	*	6.03	98	0.70	R-400	4.00x1.50"	10	0.1345	N	6.00	28	6.20
		18	0.0478	RP	6.03	98	0.92			9	0.1495	*	6.00	28	6.82
		14	0.0747	*	6.00	98	1.40			3/16	0.1880	N	6.10	28	8.34
R-150	1.50x0.75"	16	0.0598	*	6.00	98	1.29	R-402	4.00x2.00"	1/4	0.2500	*	6.10	28	10.57
		14	0.0747	*	6.00	98	1.59			20	0.0359	RP / GG	6.00	35	1.97
		11	0.1196	*	6.00	98	2.25			18	0.0478	RP / GG	6.00	35	2.61
R-151	1.50x1.00"	20	0.0359	*	6.00	84	0.88	R-402	4.00x2.00"	16	0.0598	*	6.00	35	3.26
		18	0.0478	RP	6.00	84	1.16			14	0.0747	N	6.00	35	4.04
		16	0.0598	*	6.00	100	1.44			14	0.0747	N	6.00	35	4.42
		14	0.0747	*	6.00	84	1.78			11	0.1196	N	6.00	20	6.78
		11	0.1196	*	6.00	63	2.55			10	0.1345	*	6.00	20	7.56
R-175	1.75x0.75"	20	0.0359	RP	6.00	84	0.88	R-402	4.00x2.00"	9	0.1495	N	6.00	20	8.33
		18	0.0478	RP	6.00	84	1.16			3/16	0.1880	N	6.10	20	10.24
R-200	2.00x1.00"	20	0.0359	RP/GG	6.00	50	1.06	R-403	4.00x3.00"	1/4	0.2500	*	6.10	15	13.10
		18	0.0478	N/RP/GG	6.00	50	1.40			14	0.0747	N	6.00	20	5.18
		16	0.0598	N	6.00	50	1.74			11	0.1196	N	6.00	15	7.99
		14	0.0747	N / NG	6.00	50	2.15			9	0.1495	N	6.00	15	9.85
		12	0.1046	*	6.00	50	2.95			3/16	0.1880	N	6.10	15	12.14
		11	0.1196	*	6.00	50	3.15			1/4	0.2500	N	6.10	15	15.63
R-225	2.25x0.75"	20	0.0359	RP	6.00	55	1.06	R-502	5.00x2.00"	11	0.1196	*	6.00	20	7.99
		18	0.0478	RP	6.00	55	1.40			3/16	0.1880	*	6.10	20	12.14
R-249	2.50x1.25"	20	0.0359	RP	6.00	54	1.34	R-503	5.00x3.00"	1/4	0.2500	*	6.10	20	15.63
		18	0.0478	RP	6.00	54	1.77			11	0.1196	*	6.00	16	9.21
		16	0.0598	*	6.00	54	2.20			10	0.1345	*	6.00	16	10.29
		14	0.0747	*	6.00	54	2.72			3/16	0.1880	*	6.10	16	14.03
		12	0.1046	*	6.00	54	3.75			1/4	0.2500	*	6.10	16	18.16
R-250	2.50x1.50"	18	0.0478	*	6.00	48	1.89	R-602	6.00x2.00"	14	0.0747	N	6.10	24	5.93
		14	0.0747	N	6.00	48	2.91			11	0.1196	*	6.00	15	9.21
		12	0.1046	*	6.00	40	4.01			3/16	0.1880	*	6.10	15	14.03
		11	0.1196	*	6.00	40	4.36			1/4	0.2500	*	6.10	15	18.16
R-275	2.75x1.00"	12	0.1046	*	6.00	40	3.75	R-603	6.00x3.00"	11	0.1196	*	6.00	16	10.42
R-375	3.00x0.75"	11	0.1196	*	6.00	40	4.06			3/16	0.1880	*	6.10	16	15.94
R-301	3.00x1.00"	14	0.0747	*	6.00	48	2.72			1/4	0.2500	*	6.10	16	20.69
		18	0.0478	*	6.00	48	1.89	R-604	6.00x4.00"	11	0.1196	N	6.00	12	11.63
		16	0.0598	*	6.00	48	2.35			9	0.1495	*	6.10	12	14.38
		14	0.0747	*	6.00	48	2.91			3/16	0.1880	*	6.10	12	17.85
		11	0.1196	*	6.00	48	4.36			1/4	0.2500	N	6.10	12	23.22
10	0.1345	*	6.00	48	4.84	R-804	8.00x4.00"			3/16	0.1880	*	12.20	9	21.65
R-300	3.00x1.50"	22	0.0299	GG	6.00			49	1.34	1/4	0.2500	*	12.20	9	28.27



- Made to order products are subject to minimum orders.
- Available CR with red primer and galvanized with green primer for gauges 18 & 20.
- ASTM A500 & A513 Standard.
- Ask your sales representative for different lengths, thicknesses and coatings.
- ASTM A500 Grade B steel for gauges 11 and thicker.

- N - Natural.
- RP - Red Paint.
- GG - Green Galvanized.
- NG - Natural Galvanized.
- \* - Made to Order



## C PURLIN

A x B x C (inches)	Gauge (nominal)	Thickness (inches)	Stock	Standard Length (meters)	Pieces / Bundle	Kg / m	
3 x 1.50 x 0.75	16	0.0598	RP	6	60	2.08	
	14	0.0747	RP	6	60	2.61	
4 x 1.50 x 0.75	16	0.0598	*	6	48	2.40	
	14	0.0747	RP	6	48	2.96	
	12	0.1046	*	6	48	4.20	
	10	0.1345	*	6	48	5.20	
4 x 2.00 x 0.75	16	0.0598	RP	6	48	2.71	
	14	0.0747	RP	4	48	3.40	
	14	0.0747	RP	5	48	3.40	
	14	0.0747	RP / NG	6	48	3.40	
4 x 2.00 x 0.75	12	0.1046	*	6	48	4.80	
	10	0.1345	*	6	48	5.90	
	5 x 2.00 x 0.75	16	0.0598	*	6	48	3.00
		14	0.0747	RP	5	48	3.80
14		0.0747	RP	6	48	3.80	
12		0.1046	*	6	48	5.30	
5 x 2.00 x 0.75	10	0.1345	*	6	48	6.60	
	6 x 2.00 x 0.75	16	0.0598	*	6	48	3.30
		14	0.0747	RP / NG	6	48	4.19
12		0.1046	RP	6	48	5.86	
10		0.1345	*	6	48	7.30	
7 x 2.75 x 0.75	16	0.0598	*	7	24	4.20	
	14	0.0747	*	7	24	5.30	
	10	0.1345	*	7	24	9.20	
8 x 2.75 x 0.75	16	0.0598	*	8	24	4.50	
	14	0.0747	RP	6	24	5.70	
	14	0.0747	RP / AR PR	8	24	5.70	
	12	0.1046	RP	8	24	7.96	
8 x 2.75 x 0.75	10	0.1345	*	8	24	9.90	
	9 x 2.75 x 0.75	16	0.0598	*	9	12	4.90
		10	0.1345	*	9	12	10.60
10 x 2.75 x 0.75		16	0.0598	*	10	12	5.20
		14	0.0747	RP / AR PR / NG	10	12	6.49
	12	0.1046	RP	10	12	9.06	
12 x 3.50 x 1.00	14	0.0747	RP	12	12	7.87	
	12	0.1046	RP	12	12	10.99	
	10	0.1345	*	12	12	13.60	
14 x 3.50 x 1.00	14	0.0747	*	14	12	8.70	
	12	0.1046	*	14	12	12.10	
14 x 3.50 x 1.00	10	0.1345	*	14	12	15.00	

## Z PURLIN

A x B x C (inches)	Gauge (nominal)	Thickness (inches)	Stock	Standard Length (meters)	Pieces / Bundle	Kg / m	
4 x 1.50 x 0.75	16	0.0598	*	6	48	2.40	
	14	0.0747	*	6	48	2.96	
	12	0.1046	*	6	48	4.20	
	10	0.1345	*	6	48	5.20	
4 x 2.00 x 0.75	16	0.0598	*	6	48	2.71	
	14	0.0747	*	6	48	3.40	
	12	0.1046	*	6	48	4.80	
4 x 2.00 x 0.75	10	0.1345	*	6	48	5.90	
	5 x 2.00 x 0.75	16	0.0598	*	6	48	3.00
		14	0.0747	*	6	48	3.80
12		0.1046	*	6	48	5.30	
10		0.1345	*	6	48	6.60	
6 x 2.00 x 0.75	16	0.0598	*	6	48	3.30	
	14	0.0747	*	6	48	4.19	
	12	0.1046	*	6	48	5.86	
	10	0.1345	*	6	48	7.30	
7 x 2.75 x 0.75	16	0.0598	*	7	24	4.20	
	14	0.0747	*	7	24	5.30	
	12	0.1046	*	7	24	7.40	
7 x 2.75 x 0.75	10	0.1345	*	7	24	9.20	
	8 x 2.75 x 0.75	16	0.0598	*	8	24	4.50
		14	0.0747	*	8	24	5.70
12		0.1046	*	8	24	7.96	
10		0.1345	*	8	24	9.90	
9 x 2.75 x 0.75	16	0.0598	*	9	12	4.90	
	14	0.0747	*	9	12	6.10	
	12	0.1046	*	9	12	8.50	
9 x 2.75 x 0.75	10	0.1345	*	9	12	10.60	
	10 x 2.75 x 0.75	16	0.0598	*	10	12	5.20
		14	0.0747	*	10	12	6.49
12		0.1046	*	10	12	9.06	
10		0.1345	*	10	12	11.20	
12 x 3.50 x 1.00	14	0.0747	*	12	12	7.87	
	12	0.1046	*	12	12	10.99	
	10	0.1345	*	12	12	13.60	
14 x 3.50 x 1.00	14	0.0747	*	14	12	8.70	
	12	0.1046	*	14	12	12.10	
	10	0.1345	*	14	12	15.00	

RP - Red Paint.  
 HS RP - HSLA Red Paint.  
 NG - Natural Galvanized.  
 \* - Made to Order.

- Made to order products are subject to minimum orders.
- 4" to 14" purlins are produced in lengths from 3 to 15 meters.
- 3" purlins are produced in lengths from 3 to 8 meters.





**POULTRY PURLIN**

A	B	C	D	Gauge	Thickness (inches)	Stock	Kg / m
4"	2"	0.787"	0.787"	14	0.0747	*	2.79
5"	2"	0.787"	0.787"	14	0.0747	*	3.18
6"	2"	0.787"	0.787"	14	0.0747	*	3.52
7"	2"	0.787"	0.787"	14	0.0747	*	3.95

- Available on galvanized steel.
- Made to order products are subject to minimum orders.
- Ask your sales representative for different lengths, thicknesses and finishes.
- \* - Made to order.

**PURLIN PERFORATION**

- Perforation available for 4" to 12" purlins.
- Ask your sales representative for our standard perforation patterns.

**MECHANICAL PROPERTIES**

**STEEL PROPERTIES**

		Tensile Strength Min, Psi [MPa]	Yield Strength, Min, Psi [MPa]	Enlongation in 2" [50mm] Min%
ASTM A513	Comercial Quality* (CQ) Type 1a, 1b y 2	42 000 [290]	30 000 [207]	15
	High Resistance (HR) HSLA G50	65 000 [448]	50 000 [345]	22
ASTM A500	Round Tubing	Grade A (gA)	33 000 [230]	25
		Grade B (gB)	42 000 [290]	23
		Grade C (gC)	46 000 [315]	21
	Rectangular & Square	Grade A (gA)	39 000 [270]	25
		Grade B (gB)	46 000 [315]	23
Grade C (gC)		50 000 [345]	21	

1a: Hot-rolled with mill scale.  
 1b: Hot-rolled, mill scale removed.  
 2: Cold-rolled steel.  
 HSLA: High-strength low-alloy  
 G50: Grade 50

\* Typical values

**CONVERSION TABLE**

Gauge (nominal)	THICKNESS		FRACTIONS		
	Thickness (inches)	Thickness (milimeters)	Fractions of an inch	Thousandths of an inch	Milimeters
7/8	0.8750	22.23	1/64	0.0156	0.40
3/4	0.7500	19.05	1/32	0.0313	0.79
5/8	0.6250	15.88	1/16	0.0625	1.59
1/2	0.5000	12.70	1/8	0.1250	3.18
3/8	0.3750	9.53	5/32	0.1563	3.97
1/4	0.2500	6.35	3/16	0.1875	4.76
3	0.2391	6.07	1/4	0.2500	6.35
4	0.2242	5.69	5/16	0.3125	7.94
5	0.2092	5.31	3/8	0.3750	9.53
6	0.1943	4.94	7/16	0.4375	11.11
3/16	0.1875	4.76	1/2	0.5000	12.70
7	0.1793	4.55	9/16	0.5625	14.29
8	0.1644	4.18	5/8	0.6250	15.88
9	0.1495	3.80	11/16	0.6875	17.46
10	0.1345	3.42	3/4	0.7500	19.05
1/8	0.1250	3.18	13/16	0.8125	20.64
11	0.1196	3.04	7/8	0.8750	22.23
12	0.1046	2.66	15/16	0.9375	23.81
13	0.0897	2.28	1	1.0000	25.40
14	0.0747	1.90	1 1/8	1.1250	28.58
1/16	0.0625	1.59	1 1/4	1.2500	31.75
16	0.0598	1.52	1 3/8	1.3750	34.93
18	0.0478	1.21	1 1/2	1.5000	38.10
20	0.0359	0.91	1 5/8	1.6250	41.28
1/32	0.0312	0.79	1 3/4	1.7500	44.45
22	0.0299	0.76	2	2.0000	50.80
24	0.0239	0.61	2 1/4	2.2500	57.15
26	0.0179	0.45	2 1/2	2.5000	63.50
1/64	0.0156	0.40	2 3/4	2.7500	69.85
28	0.0149	0.38	3	3.0000	76.20
30	0.0120	0.30	3 1/2	3.5000	88.90
32	0.0090	0.23	4	4.0000	101.60

# MEXICO

## CORPORATE

ESCOBEDO, N.L.

Tel. +52 (81) 8154 0200

## PLANTS

MONTERREY, N.L.

Tel. +52 (81) 8154 0200

TEPEJI DEL RIO, HGO

Tel. +52 (55) 5018 1700

## DISTRIBUTION CENTERS

CULIACÁN, SIN.

Tel. +52 (667) 480 6300

GUADALAJARA, JAL.

Tel. +52 (33) 4000 1300

IZTAPALAPA, CDMX

Tel. +52 (55) 5018 7500

SAN LUIS POTOSI, S.L.P.

Tel. +52 (444) 456 6500

TLALNEPANTLA, EDO. DE MEX.

Tel. +52 (55) 5018 7500

**800 397 0000**

# USA

## PLANTS

BRYAN, TX.

Tel. + 1 (979) 599 7600

LAREDO, TX.

Tel. +1 (956) 718 2360

## OFFICES

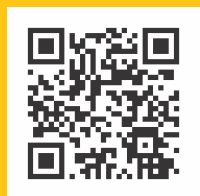
HOUSTON, TX.

Tel. +1 (281) 494 0900

## DISTRIBUTION CENTERS

LAREDO, TX.

Tel. +1 (956) 718 2372



[www.prolamsa.com](http://www.prolamsa.com)  
[ventas@prolamsa.com](mailto:ventas@prolamsa.com)

**AUGUST 2024**

0424-21

Information may be changed or updated without previous notice.  
Weights are calculated on a theoretical basis. The actual weights may vary.