



WL PLASTICS
An INEOS Business

WL108 Shipping Data



Multi-application use

The ideal piping solution

WL108 Shipping Data

NOTICE

The information in this publication is for estimating purposes only. Truckload quantities herein were developed for a maximum load weight of 47,000 lbs (21,315 kg) and maximum level load dimensions of 102-in (2.59 m) high x 102-in (2.59 m) wide that provide a 13 ½ ft (4.11 m) overall height when loaded on a flatbed trailer having a 60-in (1.52 m) deck height. See table footnotes for additional information. Special load configurations may be available, and actual truckload quantities may differ from the information in this publication depending upon state, provincial, or federal regulatory requirements, and the size and capacity of commercial equipment available at the time of shipment. Contact WL Plastics Customer Service for specific order freight quote information. WL Plastics Corporation has made every reasonable effort to ensure accuracy, but the information in this publication may not be complete, especially for special or unusual applications. The user of the information in this publication assumes all risk associated with its use.

WL Plastics pipe sizing and weight publications – WL102 IPS, WL104 DIPS, WL130 FM Approved

Table 1: Standard Truckload Quantities – Coiled Pipe¹

Pipe size	Coil length, ft	Pipe DR	Number of coils per pallet or set ²	Number of coils per truckload	Footage per truckload
1" IPS	500	7 – 11	7 per pallet	140	70,000
1 1/4" IPS	500	7 – 11	5 per pallet	100	50,000
1 1/2" IPS	500	7 – 11	8 per set	64	32,000
	500	7 – 11	8 per pallet	56	28,000
2" IPS	2000	7 – 11	3 per set	24	48,000
	500	7 – 17	7 per set	56	28,000
	500	7 – 17	7 per pallet	49	24,500
3" IPS	2000	7 – 17	2 per set	16	32,000
	500	7 – 17	2 or 4 per set	26	13,000
4" IPS	1000	7 – 17	1 or 2 per set	13	13,000
	500	7 – 17	1 or 3 per set	13	6,500
6" IPS	800	7 – 17	2 per set	12	9,600
	500	7 – 17	2 per set	83	4,000 ³
6" IPS	500	7 – 17	2 per set	64	3,000 ⁴

1. WL Plastics standard coil size and packaging. Special coil sizing or packaging may be available. Contact WL Plastics Customer Service for information. Standard truckload capacity based for 48-ft (14.6 m) long flatbed trailer and DOT maximum load weight and maximum load dimensions 102" high x 102" wide (2.6 m high x 2.6 m wide). Special load configurations may be available and actual shipping equipment size may affect truckload capacity. Contact WL Plastics Customer Service for information.

2. Coils on pallets are laid flat (vertical coil centerline) on non-return wood pallets and strapped in layers to the pallet. Coils packaged in sets are oriented vertically (horizontal coil centerline) and strapped together in sets without pallets or additional dunnage.
3. 53-ft (16.5 m) step-deck trailer with 42-in (1.07 m) maximum deck height required.
4. 48-ft (14.6 m) step-deck trailer with 42-in (1.07 m) maximum deck height required.

Table 2: Standard Coil Dimensions^{1, 7} – Coiled Pipe¹

Pipe size	Coil length, ft	Pipe DR	Coil outside diameter ² , in.	Coil inside diameter ³ , in.	Coil width ⁴ , in.
1" IPS	500	7 – 11	47	30	11 ½
1 1/4" IPS	500	7 – 11	48	30	15 ½
1 1/2" IPS	500	7 – 11	74	50	10
	2000	7 – 11	76 ½	50	31 ½
2" IPS	500	7 – 17	79	50	135
	2000	7 – 17	79	50	44 ½ ⁶
3" IPS	500	7 – 17	96	70	236
	1000	7 – 17	96	70	456
4" IPS	500	7 – 17	96	70	40 ^{6, 7}
	800	7 – 17	102	70	466
6" IPS	500	7 – 17	120 ⁸	70	48

1. WL Plastics standard coil packaging. Special packaging and coil lengths may be available. Contact WL Plastics Customer Service for information.
2. Outside diameter dimensions are approximate. The tail end of the coil is strapped to the coil body to the extent practical, but may extend beyond the coil outside diameter by up to 3 pipe diameters.
3. Inside diameter dimensions are approximate, and may include a small taper from one side of the coil to the other.
4. Coil width dimensions are approximate.
5. 12 ¾" wide for DR17.
6. 1" wider for DR17.
7. Contact WL Plastics Customer Service for special coil sizing.
8. Step-deck trailers required. See Table 1.

Table 3A: Standard Truckload Quantities – IPS-DR Pipe Joints¹ Multi-Layer Pipe Bundles

Length	40 Ft joint					50 Ft joint							
	IPS pipe size	Joints/bundle	Pipe DR	Bundles/truckload	Joints/truckload	Feet/truckload	Joints/bundle	Pipe DR	Bundles/truckload	Joints/truckload	Feet/truckload		
2	50	5	18	900	36,000	50	5	14	700	35,000			
		6-6.3	20	1,000	44,000		6-6.3	18	900	45,000			
		7-17	24	1,200	48,000		7-7.3	20	1000	50,000			
2 ½	44	5	14	616	24,640	44	5	12	528	26,400			
		6	16	704	28,160		6-6.3	14	616	30,800			
		6.3-7	18	792	31,680		7-7.3	16	704	35,200			
		7.3-17	20	880	35,200		9	18	792	39,600			
3	50	5	8	400	16,000	50	5	6	300	15,000			
		6-6.3	10	500	20,000		6-7	8	400	20,000			
		7-7.3	12	600	24,000		7.3-9	10	500	25,000			
		9-21	14	700	28,000		11-17	14	700	35,000			
		4	57	7-7.32	6		342	13,680	57	9-112	6	342	17,100
9-32.5	8			456	18,240	13.5-32.5	8	456		22,800			
4	29	5	8	232	9,280	29	5	6	174	8,700			
		6-6.3	10	290	11,600		6-6.3	8	232	11,600			
		7-7.3	12	348	13,920		7-7.3	10	290	14,500			
		9-32.5	14	406	16,240		9	12	348	17,400			
5	19	5	14	266	10,640	19	5	10	190	9,500			
		6-6.3	16	304	12,180		6-6.3	12	228	11,400			
		7-7.3	18	342	13,680		7-7.3	14	266	13,300			
		9-32.5	22	418	16,720		9	18	342	17,100			
		5	30	7-92	6		180	7,200	30	7-112	6	228	9,000
11-32.5	8			240	9,600	13.5-32.5	8	304		12,000			
5	23	5-6.3	8	184	7,360	23	5-6.3	6	138	6,900			
		7-7.3	10	230	9,200		7-7.3	8	184	9,200			
		9-32.5	12	276	11,040		9	10	230	11,500			
6	26	11-32.5	8	208	8,320	26	11-32.5	10	208	10,400			
		6	20	5-6.3	6		120	4,800	20	13.5-32.5	10	200	10,000
				7-7.3	8		160	4,800		6	13	5-6.3	8
		9-32.5	10	200	8,000		7-7.3	10	130			6,500	
		5	8	104	4,160		9	12	156			7,800	
6	13	6-6.3	10	130	5,200	13	11	14	182	9,100			
		7-7.3	12	156	6,240		13.5-32.5	16	208	10,400			
		9	14	182	7,280		8	14	6-7.32	6	72	3,360	
		11-32.5	16	208	8,320				9-32.5	8	112	5,600	
8	9	5-6	8	72	2,880	9	5-6	6	54	2,700			
		6.3-7.3	10	90	3,600		6.3-7.3	8	72	3,600			
		9-32.5	12	108	4,320		9	10	90	4,500			
		8	14	6-7.32	6		72	3,360	14	11-32.5	8	112	5,600
				9-32.5	8		112	4,480		8	5	5-6	12
5	14			70	2,800	6.3-7	14	70				3,500	
8	5	6-6.3	16	80	3,200	5	7.3	16	80	4,000			
		7	18	90	3,600		9	18	90	4,500			
		7.3	20	100	4,000		11-32.5	22	110	5,500			
		9-32.5	22	110	4,400								

1. Table quantities based on WL Plastics standard packaging for multi-layer and single layer bundles and strip-loads. Special packaging and joint lengths may be available. Truckload capacity based on DOT maximum load weight of 47,000 lb (21,364 kg) and maximum load dimensions 102" high x 102" wide (2.6 m wide x 2.6 m high) and full

load width layers. Special load configurations may be available and actual shipping equipment size may affect truckload capacity. Contact WL Plastics Customer Service for information.

2. For lower DR pipe, bundle weight exceeds 8,000 lbs. Use bundle having fewer joints/bundle for lower DR pipe.

Table 3B: Standard Truckload Quantities – IPS-DR Pipe Joints¹ Single-Layer Pipe Bundles

Length	40 Ft joint					50 Ft joint					
	IPS pipe size	Pipe DR	Joints/layer	Layers/truckload	Joints/truckload	Footage/truckload	Pipe DR	Joints/layer	Layers/truckload	Joints/truckload	Footage/truckload
10	5			5	45	1,800	5-6		4	36	1,800
	6-7	9 (5 + 4) ²		6	54	2,160	6.3-7.3	9 (5 + 4) ²	5	45	2,250
	7.3			7	63	2,520	9		6	54	2,700
	9-32.5			8	72	2,880	11-32.5		8	72	3,600
12	5-6	8 (4 + 4)		4	32	1,280	5-6	8 (4 + 4)	3	24	1,200
	6.3-7.3			5	40	1,600	6.3-7.3		4	32	1,600
	9			7	52	2,080	9		5	40	2,000
	11-32.5			7	56	2,240	11		6	48	2,400
							13.5-32.5		7	56	2,800
14	5-6.3	7 (4 + 3) ²		4	25	1,000	5-6.3	7 (4 + 3) ²	3	21	1,050
	7-7.3			5	35	1,400	7-7.3		4	28	1,400
	9-32.5			6	42	1,680	9		5	35	1,750
							11-32.5		6	42	2,100
16	5	6 (3 + 3)		3	18	720	5	6 (3 + 3)	3	12	750
	6-7.3			4	24	960	6		3	18	900
	9			6	33	1,320	7-7.3		4	21	1,050
	11-41			6	36	1,440	9		5	24	1,200
							11		6	33	1,650
							13.5-41		6	36	1,800
18	5-6.3	5 (3 + 2) ²		3	15	600	5	5 (3 + 2) ²	3	13	650
	7-7.3			4	20	800	6-7.3		4	17	850
	9-41			5	25	1,000	9		4	20	1,000
							11-41		5	25	1,250
20	6-7.3	5 (3 + 2) ²		3	15	600	6-7	5 (3 + 2) ²	2	10	500
	9-41			4	20	800	7.3-9		3	15	750
							11-41		4	2	1,000
22	6-7.3	4 (2 + 2)		3	12	480	6-6.3	4 (2 + 2)	3	8	500
	9-41			4	16	640	7-9		3/4	12/14	600/700
							11-41		4	16	800
24	6.3	4 (2 + 2)		3	10	400	6.3-7	4 (2 + 2)	2	8	400
	7-9			3	12	480	7.3		3	10	500
	11-41			4	16	640	9		3	12	600
							11		4	14	600
							13.5-41		4	16	800
26	7-41	3 (1 + 2) ²		3	9	360	7-7.3	3 (1 + 2) ²	2	6	300
							9-41		3	9	450
28	7.3-41	3 (1 + 2) ²		3	9	360	7.3	3 (1 + 2) ²	2	6	300
							9-41		3	9	450
30	9-41	3 (1 + 2) ²		3	9	360	9	3 (1 + 2) ²	2	6	300
							9.3-41		3	9	450
32	9-41	3 (1 + 2) ²		2	6	240	9-41	3 (1 + 2) ²	2	6	300
34	9-41	3 (1 + 2) ²		2	6	240	9-41	3 (1 + 2) ²	2	6	300
36	9-41	2 (1 + 1)		2	4	160	9-41	2 (1 + 1)	2	4	200
42	11-41	2 (1 + 1)		2	4	160	11-41	2 (1 + 1)	2	4	200
48	13.5-41	2 (1 + 1)		2	4	160	13.5-41	2 (1 + 1)	2	4	200
54	15.5-41	1	2 ³	2	80	80	15.5-41	1	2 ³	2	100

1. Table quantities based on WL Plastics standard packaging for multi-layer and single layer bundles and strip-loads. Special packaging and joint lengths may be available. Truckload capacity based on DOT maximum load weight of 47,000 lb (21,364 kg) and maximum load dimensions 102" high x 102" wide (2.6 m wide x 2.6 m high), and full load width layers. Special load configurations may be available and

actual shipping equipment size may affect truckload capacity. Contact WL Plastics Customer Service for information.

2. Layers are interlaced, e.g., 1st layer – odd + even; 2nd layer – even + odd; 3rd layer odd + even; etc.
3. Second layer (joint) offset above first layer on risers.

Table 4A: Standard Truckload Quantities – PE4710 DIPS-PC Pipe Joints¹ Multi-Layer Pipe Bundles

Length	40 Ft joint					50 Ft joint					
	DIPS pipe size	Joints/ bundle	Pressure class	Bundles/ truckload	Joints/ truckload	Feet/ truckload	Joints/ bundle	Pressure class	Bundles/ truckload	Joints/ truckload	Feet/ truckload
4	572	250 – 100	6	342	13,680	572	200 – 100	6	342	11,400	
	48	300	6	288	11,520	482	250	6	288	15,200	
		250 – 100	8	384	15,360		200 – 100	8	384	19,200	
38	300 – 100	8	304	12,160	38	300	6	228	11,400		
						250	8	304	15,200		
6	26	300 – 250	6	156	6,240	262	200	6	156	7,800	
		200 – 100	8	208	8,320		150 – 100	8	208	10,400	
	20	300 – 250	8	160	6,400	20	300 – 250	6	120	6,000	
		200 – 100	10	200	8,000		200	8	160	8,000	
	13	300	12	156	6,240	13	300 – 250	10	130	6,500	
							250 – 100	14	182	7,280	
7–7.3							12	156	6,240		
9							14	182	7,280		
11–32.5	16	208	8,320	13.5 – 32.5	16	11	14	182	9,100		
						11	14	182	9,100		
8	14	6–7.32	6	72	3,360	14	92	6	84	4,200	
		9–32.5	8	112	4,480		11–32.5	8	112	5,600	
	9	5–6	8	72	2,880	9	5–6	6	54	2,700	
							11–32.5	12	108	5,400	
	5	5	5	14	70	2,800	5	5–6	12	60	3,000
			6–6.3	16	80	3,200		6.3–7	14	70	3,500
7.3			20	100	4,000	9		18	90	4,500	
9–32.5			22	110	4,400	11–32.5		22	110	5,500	

1. Table quantities based on WL Plastics standard packaging for multi-layer and single layer bundles and strip-loads. Special packaging and joint lengths may be available. Truckload capacity based on DOT maximum load weight of 47,000 lb (21,364 kg) and maximum load dimensions 102" high x 102" wide (2.6 m wide x 2.6 m high) and full load width layers. Special load configurations may be available and actual shipping equipment size may affect truckload capacity. Contact WL Plastics Customer Service for information.
2. For higher PC pipe, bundle weight exceeds 8,000 lbs. Use bundle having fewer joints/bundle for higher PC pipe.

Table 4B: Standard truckload quantities – PE4710 DIPS-PC pipe joints¹ single-layer pipe bundles

Length	40 Ft joint					50 Ft joint						
	DIPS pipe size	Pressure class	Joints/layer	Layers/truckload	Joints/truckload	Footage/truckload	Pressure class	Joints/layer	Layers/truckload	Joints/truckload	Footage/truckload	
10	300			6	54	2,160	300			5	45	2,250
	250			7	63	2,520	250	9 (5 + 4) ²		6	54	2,700
	200-100		9 (5 + 4) ²	8	72	2,880	200			7	63	3,150
							150-100			8	72	3,600
12	300-100			6	42	1,680	300-250	7 (4 + 3) ²		5	35	1,750
			7 (4 + 3) ²				200-100			6	42	2,100
14	300			5	30	1,200	300	6 (3 + 3)		4	24	1,200
	250-100		6 (3 + 3)	6	35	1,440	250			5	30	1,500
							200-100			6	36	1,800
16	300-100			4	20	800	300-100	5 (2 + 3) ²	4	20	1,000	
18	300-100			4	20	800	300-250	5 (2 + 3) ²		3	15	750
			5 (2 + 3) ²				200-100			4	20	1,000
20	300-100			4	16	640	300-250	4 (2 + 2)		3	12	600
			4 (2 + 2)				200-100			4	16	800
24	300-100			3	9	360	300-100	3 (2 + 1) ²	3	9	450	
30	200-100			2	6	240	200-100	3 (2 + 1) ²	2	6	300	
36	150-100			2	4	160	150-100	2	2	4	200	

1. Table quantities based on WL Plastics standard packaging for multi-layer and single layer bundles and strip-loads. Special packaging and joint lengths may be available. Truckload capacity based on DOT maximum load weight of 47,000 lb (21,364 kg) and maximum load dimensions 102" high x 102" wide (2.6 m wide x 2.6 m high), and full load width layers. Special load configurations may be available and actual shipping equipment size may affect truckload capacity. Contact WL Plastics Customer Service for information.
2. Layers are interlaced, e.g., 1st layer – odd + even; 2nd layer – even + odd; 3rd layer odd + even; etc.
3. Second layer (joint) offset above first layer on risers.

Table 5A: Standard Truckload Quantities – FM Approved Pipe Joints¹ Multi-Layer Pipe Bundles

Length	40 Ft joint					50 Ft joint				
	IPS pipe size	Joints/bundle	Pressure class	Bundles/truckload	Joints/truckload	Feet/truckload	Joints/bundle	Pressure class	Bundles/truckload	Joints/truckload
4	57	200	8	456	18,240	57	200	8	456	22,800
		250	8	456	18,240		250	6	342	17,100
		335	6	342	13,680		335	NR ²	NR ²	NR ²
	29	200	16	464	18,560	29	200	14	406	20,300
		250	14	406	16,240		250	12	348	17,400
		335	12	348	13,920		335	10	290	14,500
19	200	22	418	16,720	19	200	22	418	20,900	
	250	22	418	16,720		250	18	342	17,100	
	335	18	342	13,680		335	14	266	13,300	
6	20	200	10	200	8,000	20	200	10	200	10,000
		250	10	200	8,000		250	8	160	8,000
		335	8	160	6,400		335	8	160	8,000
	13	200	16	208	8,320	13	200	14	182	9,100
		250	14	182	7,280		250	12	156	7,800
		335	12	156	6,240		335	10	130	6,500
8	14	200	8	112	4,480	14	200	8	112	5,600
		250	8	112	4,480		250	6	84	4,200
		335	6	84	3,360		335	4	56	2,800
	9	200	12	108	4,320	9	200	12	108	5,400
		250	12	108	4,320		250	10	90	4,500
		335	10	90	3,600		335	8	72	3,600
5	200	22	110	4,400	5	200	22	110	5,500	
	250	22	110	4,400		250	18	90	4,500	
	335	18	90	3,600		335	14	70	3,500	

1. Table quantities based on WL Plastics standard packaging for multi-layer and single layer bundles and strip-loads. Special packaging and joint lengths may be available. Truckload capacity based on DOT maximum load weight of 47,000 lb (21,364 kg) and maximum load dimensions 102" high x 102" wide (2.6 m wide x 2.6 m high) and full load width layers. Special load configurations may be available and actual shipping equipment size may affect truckload capacity. Contact WL Plastics Customer Service for information.
2. Not recommended. Bundle weight exceeds 8,000 lbs. Use bundle having fewer joints/bundle.

Table 5B: Standard truckload quantities – FM approved pipe joints¹ single-layer pipe bundles

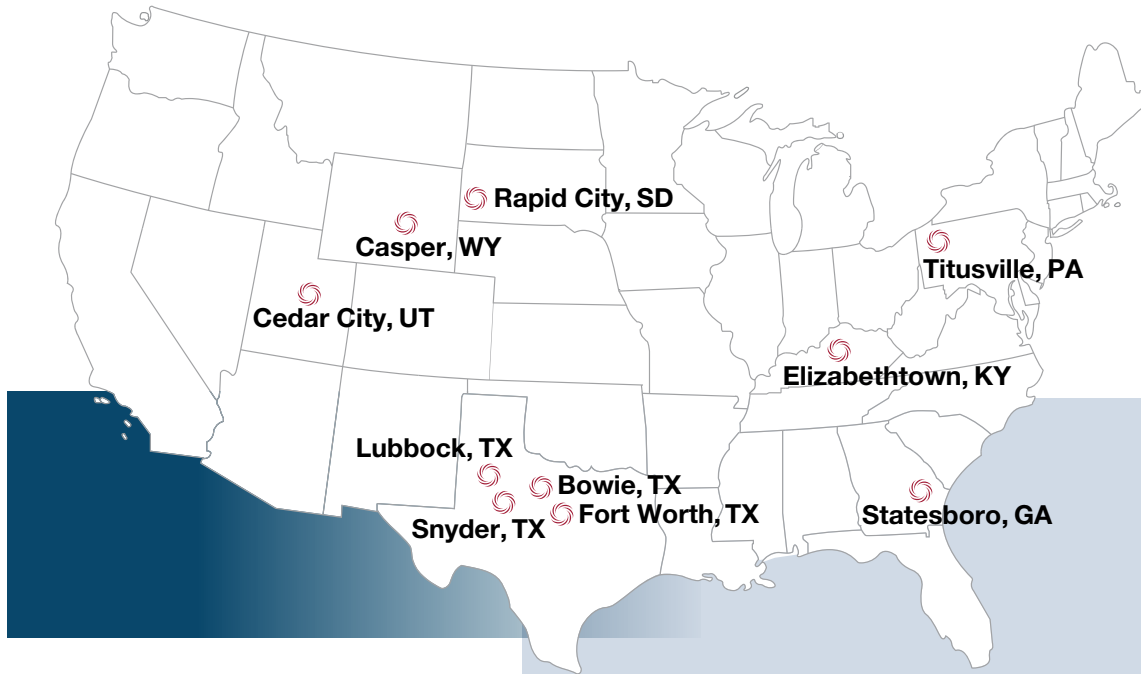
Length DIPS pipe size	40 Ft joint					50 Ft joint				
	Pressure class	Joints/layer	Layers/ truckload	Joints/ truckload	Footage/ truckload	Pressure class	Joints/layer	Layers/ truckload	Joints/ truckload	Footage/ truckload
10	200	9 (4 + 5) ²	8	72	2,880	200	9 (4 + 5) ²	8	72	3,600
	250	9 (4 + 5) ²	8	72	2,880	250	9 (4 + 5) ²	7	59	2,950
	335	9 (4 + 5) ²	6	54	2,160	335	9 (4 + 5) ²	5	45	2,250
12	200	8 (4 + 4)	7	56	2,240	200	8 (4 + 4)	6	48	2,400
	250	8 (4 + 4)	6	48	1,920	250	8 (4 + 4)	5	40	2,000
	335	8 (4 + 4)	5	40	1,600	335	8 (4 + 4)	4	32	1,600
14	200	7 (4 + 3) ²	6	42	1,680	200	7 (4 + 3) ²	6	42	2,100
	250	7 (4 + 3) ²	6	42	1,680	250	7 (4 + 3) ²	5	35	1,750
	335	7 (4 + 3) ²	5	35	1,400	335	7 (4 + 3) ²	4	28	1,400
16	200	6 (3 + 3)	5	30	1,200	200	6 (3 + 3)	6	33	1,650
	250	6 (3 + 3)	5	30	1,200	250	6 (3 + 3)	4	24	1,200
	335	6 (3 + 3)	4	24	960	335	6 (3 + 3)	4	22	1,100
18	200	5 (3 + 2) ²	4	20	800	200	5 (3 + 2) ²	4	20	1,000
	250	5 (3 + 2) ²	4	20	800	250	5 (3 + 2) ²	4	20	1,000
	335	5 (3 + 2) ²	4	20	800	335	5 (3 + 2) ²	4	17	850
20	200	5 (3 + 2) ²	4	20	800	200	5 (3 + 2) ²	4	20	1,000
	250	5 (3 + 2) ²	4	20	800	250	5 (3 + 2) ²	3	15	750
	335	5 (3 + 2) ²	3	15	600	335	5 (3 + 2) ²	2	10	500
22	200	4 (2 + 2)	4	16	640	200	4 (2 + 2)	4	16	800
	250	4 (2 + 2)	4	16	640	250	4 (2 + 2)	3	12	600
	335	4 (2 + 2)	3	12	480	335	4 (2 + 2)	3	12	600
24	200	4 (2 + 2)	3	12	480	200	4 (2 + 2)	3	12	600
	250	4 (2 + 2)	3	12	480	250	4 (2 + 2)	3	12	600
	335	4 (2 + 2)	3	12	480	335	4 (2 + 2)	2	8	400
26	200	3 (2 + 1) ²	3	9	320	200	3 (2 + 1) ²	3	9	450
	250	3 (2 + 1) ²	3	9	320	250	3 (2 + 1) ²	3	9	450
28	200	3 (2 + 1) ²	3	9	320	200	3 (2 + 1) ²	3	9	450
	250	3 (2 + 1) ²	3	9	320	250	3 (2 + 1) ²	3	9	450
30	200	3 (2 + 1) ²	3	9	320	200	3 (2 + 1) ²	3	9	450
	250	3 (2 + 1) ²	3	9	320	250	3 (2 + 1) ²	3	9	450
32	200	3 (2 + 1) ²	3	9	300	200	3 (2 + 1) ²	3	8	400
	250	3 (2 + 1) ²	3	9	300	250	3 (2 + 1) ²	3	8	400
34	200	3 (2 + 1) ²	2	6	240	200	3 (2 + 1) ²	2	6	300
	250	3 (2 + 1) ²	2	6	240	250	3 (2 + 1) ²	2	6	300
36	200	2 (1 + 1)	2	4	160	200	2 (1 + 1)	2	4	200
	250	2 (1 + 1)	2	4	160	250	2 (1 + 1)	2	4	200

1. Table quantities based on WL Plastics standard packaging for multi-layer and single layer bundles and strip-loads. Special packaging and joint lengths may be available. Truckload capacity based on DOT maximum load weight of 47,000 lb (21,364 kg) and maximum load dimensions 102" high x 102" wide (2.6 m wide x 2.6 m high). Special load configurations may be available and actual shipping equipment size may affect truckload capacity. Contact WL Plastics Customer Service for information.
2. Layers are interlaced, e.g. 1st layer – odd + even; 2nd layer – even + odd; 3rd layer odd + even, etc.



WL PLASTICS

An INEOS Business



Manufacturing locations

- Bowie, TX
- Casper, WY
- Cedar City, UT
- Elizabethtown, KY
- Lubbock, TX (HDPE)
- Lubbock, TX (MDPE)
- Rapid City, SD
- Snyder, TX
- Statesboro, GA
- Titusville, PA (HDPE/MDPE)

Corporate office

3575 Lone Star Circle, Suite 300,
Fort Worth, TX, 76177

Contact

Contact WL Plastics for more information

SALES: wlsales@wlplastics.com

TECHNICAL: wltechnical@wlplastics.com

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