



Packing Information - Containers

Plant Containerization

All plants have ability to load full pallet quantities of coils and/or straight lengths of pipe inside overseas containers. However, the loading of coils and straight length of pipe together will not be permitted. No more than four different pipe diameters shall be loaded within one container. Due to differences in plant staffing and equipment capabilities, all other containerization, including telescoping, at the plant must be preauthorized before a commitment is made to the customer. Nesting of coils inside other coils is not allowed. Containerization at a plant is subject to additional loading and shipping charges. Footage quantities for containers are approximate and may vary depending on container and plant loading capabilities. **Pipe diameters 2" and under are available in joints per plants approval, due to safety reasons**

*** Denotes certain large diameter pipe sizes may only be sold by approval of the Manufacturer Manager as special engineered shipping cradles may be required.**

CONTAINER LOADING REQUIREMENTS:

- Plants will ship product only in 40' high cube containers with an interior length of 40'.
- High Cube Container: Interior Width = 92.25" / Door Height = 101.75" and Door Width = 92"
- Pipe joints will be a maximum of 39 foot in length and coils will vary depending on heights.
- Footage listed in table is approximate and the actual footage put in the container may vary due to plant container loading capabilities.
- Weight limits on county, state, and federal roads are approximately 45,000 lbs.
- Weight limits in Port Commerce Zones range near 57,000 and 60,000 lbs, depending on the port.
- Any wood products shipped on containers must have required heat treated markings.
- **Any container must not exceed 45,000 lbs net weight**

COILS

Description IPS	OD IPS	DR	Lbs Per Foot	Coil Length	Pallet Size	Coil Per Pallet	Width Per Coil	Pallet per 40' high cube Container	Coils per 40' high Cube Container	Lbs per 40' high cube Container	Feet per 40' high cube Container	Height* Per Pallet
3 / 4"	1.050	11	.12	500'	44"	7	10"	20	140	8,400	70,000'	75"
1"	1.315	11	.19	500'	44"	6	12"	20	120	11,400	60,000'	77"
1 1/4 "	1.660	11	.31	500'	78"	12	7 1/2"	6	72	11,160	36,000'	95"
1 1/2 "	1.900	11	.41	500'	78"	8	8 1/2"	6	48	9,840	24,000'	56"
2"	2.375	11	.64	500'	78"	7	13 1/2"	6	42	13,440	21,000'	100"

Description CTS	OD CTS	Min. Wall	Lbs Per Foot	Coil Length	Pallet Size	Coil Per Pallet	Width Per Coil	Pallet per 40' high cube Container	Coils per 40' high Cube Container	Lbs per 40' high cube Container	Feet per 40' high cube Container	Height Per Pallet
1 / 4"	0.375	0.062	.03	1500	36"	14	5"	26	364	16,380	546,000	75"
1 / 2"	0.625	0.090	.07	500	44"	12	6"	20	240	8,400	120,000	77"
3 / 4"	0.875	0.090	.10	500	44"	6	11"	20	120	6,000	60,000	71"
1"	1.125	0.090	.142	500	44"	8	12"	20	160	11,360	80,000	101"
1 1/4"	1.375	0.090	.211	500	45"	6	7 1/2"	20	120	12,660	60,000	49"

Description MILLIMETER	OD MM	DR	Lbs Per Foot	Coil Length	Pallet Size	Coil Per Pallet	Width Per Coil	Pallet per 40' high cube Container	Coils per 40' high Cube Container	Lbs per 40' high cube Container	Feet per 40' high cube Container	Height Per Pallet
20 MM	0.787	11	.069	500	44"	12	6"	20	240	8,280	120,000	77"
25 MM	0.984	11	.108	500	44"	6	11"	20	120	6,480	60,000	71"
32 MM	1.280	10	.183	500	44"	8	12"	20	160	14,640	80,000	101"
40 MM	1.570	11	.276	500	44"	7	10"	20	140	19,320	70,000'	75"
63 MM	2.480	11	.688	500	78"	6	15"	6	36	12,384	18,000	95"

***Note: Height per pallet column includes 5" for actual height of pallet plus coils. All packaging dimensions for coils are based on standard packaging dimensions.**

Performance Pipe, a division of
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Packing Information - Containers

39' PIPE JOINTS - 3" – 10" IPS

39' PIPE JOINTS - 12" – 24" IPS

SIZE	OD	DR	#/ft	Joints	Feet	Weight lbs	SIZE	OD	DR	#/ft	Joints	Feet	Weight lbs				
3" IPS	3.500	17.0	.93	594	23,166	21,544	12" IPS	12.750	32.5	6.67	52	2,028	13,526				
		11.5	1.32	650	25,350	33,462			26.0	8.26			16,751				
		11.0	1.39	648	25,272	35,128			21.0	10.13			20,544				
		9.0	1.66	648	25,272	41,951			17.0	12.36			25,066				
		7.0	2.05	540	21,060	43,173			11.0	18.41			37,335				
4" IPS	4.500	21.0	1.26	464	18,096	22,800			9.0	21.97			44,555				
		17.0	1.54	447	17,472	26,846			7.0	27.20			42,432				
		11.5	2.17	464	18,096	39,268	14" IPS	14.00	32.5	8.05	44	1,716	13,813				
		11.0	2.29	464	18,096	41,440			26.0	9.96			17,091				
		9.0	2.74	406	15,834	43,385			21.0	12.22			20,969				
7.0	3.39	319	12,441	42,175	17.0	14.91			25,585								
5" IPS	5.563	26.0	1.57	299	11,661	18,307			11.0	22.20			38,095				
		21.0	1.93	299	11,661	22,505	9.0	26.50	41,340								
		17.0	2.35	286	11,154	26,212	7.0	32.79	40,922								
		11.0	3.51	286	11,154	39,150	16" IPS	16.00	32.5	10.50	30	1,170	12,285				
		9.0	4.18	260	10,140	42,385			26.0	13.01			15,221				
7.0	5.17	208	8,112	41,939	21.0	15.96			18,673								
6" IPS	6.625	32.5	1.80	220	8,580	15,514			17.0	19.46			18" IPS	18.0	25	975	22,768
		26.0	2.23			19,220			32.5	13.30							12,968
		21.0	2.73			23,530	26.0	16.47	16,058								
		17.0	3.34			28,787	21.0	20.19	19,685								
		11.5	4.71			221	8,619	40,595	17.0	24.64	24,024						
11.0	4.97	220	8,580	42,836	11.0	36.69	35,773										
9.0	5.93	182	7,098	42,091	9.0	43.79	35,773										
7.0	7.33	156	6,084	44,595	7.0	54.21	44,397										
7" IPS	7.125	32.5	2.08	170	6,630	13,790	20" IPS	20.00	20	780	20	780	12,847				
		26.0	2.58			17,105							26.0	20.41	15,920		
		21.0	3.16			20,950							21.0	25.01	19,508		
		17.0	3.86			169							6,591	25,441	17.0	30.51	23,798
		11.0	5.75			169							6,591	37,898	11.0	45.45	35,451
9.0	6.86	156	6,084	41,736	9.0	54.23	42,299										
7.0	8.49	130	5,070	43,044	7.0	66.50	44,090										
8" IPS	8.625	32.5	3.05	112	4,368	13,322	22" IPS	22.00	16	624	16	624	12,393				
		26.0	3.79			16,555							26.0	24.61	15,357		
		21.0	4.64			20,267							21.0	30.18	18,832		
		17.0	5.65			114							4,446	25,119	17.0	36.80	22,963
		11.5	7.99			117							4,563	36,458	11.0	54.82	34,208
11.0	8.42	114	4,446	37,435	9.0	65.40	40,810										
9.0	10.05	114	4,446	44,682	7.0	80.98	44,215										
7.0	12.43	90	3,510	43,629	24" IPS	24.00	12	468	12	468	468	11,054					
32.5	4.75	70	2,730	12,968								26.0	29.30	13,712			
26.0	5.87			13,911								21.0	35.91	16,806			
21.0	7.21			19,683								17.0	43.81	20,503			
17.0	8.78			23,969								11.0	65.24	30,352			
11.0	13.09			35,735	9.0	77.85	36,434										
9.0	15.61	42,615	7.0	96.37	41,343												
7.0	19.32	59	2,301	44,455													

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Information contained herein is being supplied for estimating purposes only, and is subject to change without notice.



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39' PIPE JOINTS - 26" – 54" IPS

39' FOOT JOINTS - 4" – 18" DIPS

SIZE	OD	DR	#/ft	Joints	Feet	Weight lbs	SIZE	OD	DR	#/ft	Joints	Feet	Weight lbs
26" IPS	26.00	32.5	27.74	9	351	9,738	4" DIPS	4.800	26.0	1.17	377	14,703	16,609
		26.0	34.39			21.0			1.44	21,172			
		21.0	42.14			17.0			1.75	25,730			
		17.0	51.39			13.5			2.17	31,905			
		11.0	76.57			11.0			2.61	38,375			
		9.0	91.36			9.0			3.11	42,209			
28" IPS	28.00	32.5	32.19	9	351	11,299	6" DIPS	6.900	26.0	2.42	180	7,020	16,045
		26.0	39.88			21.0			2.97	20,845			
		21.0	48.86			17.0			3.62	25,412			
		17.0	59.62			13.5			4.48	31,450			
		11.0	88.78			11.0			5.39	37,838			
		9.0	105.95			9.0			6.44	40,186			
30" IPS	30.00	32.5	36.93	8	312	11,522	8" DIPS	9.050	26.0	4.17	108	4,212	15,938
		26.0	45.78			21.0			5.11	21,523			
		21.0	56.12			17.0			6.22	26,200			
		17.0	68.45			13.5			7.70	32,432			
		11.0	101.92			11.0			9.28	39,087			
		9.0	121.62			9.0			11.07	44,036			
32" IPS	32.00	32.5	42.04	8	312	13,116	10" DIPS	11.100	26.0	6.27	70	2,730	17,117
		26.0	52.10			21.0			7.69	20,993			
		21.0	63.84			17.0			9.37	25,580			
		17.0	77.86			13.5			11.59	31,641			
		11.0	115.97			11.0			13.95	38,083			
34" IPS*	34.00*	32.5	47.53	6	312	11,122	12" DIPS	13.200	26.0	8.87	40	1,560	13,837
		26.0	58.94			21.0			10.87	16,597			
		21.0	72.28			17.0			13.24	20,564			
		17.0	88.23			13.5			16.40	25,584			
		13.5	109.31			11.0			19.73	30,779			
		11.0	131.71			9.0			23.55	36,738			
36" IPS*	36.00*	32.5	53.28	6	312	12,469	14" DIPS	15.300	26.0	11.90	36	1,404	16,708
		26.0	66.08			21.0			14.60	20,498			
		21.0	81.03			17.0			17.80	24,991			
		19.0	89.09			13.5			22.02	30,916			
		17.0	98.92			11.0			26.51	37,220			
		15.5	107.84			9.0			31.64	44,423			
		13.5	122.55										
		11.0	147.66										
		9.0	176.47										
42" IPS*	42.00*	32.5	72.53	4	312	11,314	16" DIPS	17.400	26.0	15.39	25	975	15,005
		26.0	89.94			21.0			18.88	18,408			
		21.0	110.29			17.0			23.03	22,454			
		17.0	134.64			13.5			28.49	27,778			
		13.5	166.80			11.0			34.29	33,433			
		11.0	200.99			9.0			40.91	39,887			



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48" IPS *	48.00*	32.5	94.73	3		11,083	18" DIPS	19.500	26.0	19.34	19	741	14,331
		26.0	117.47			13,744			21.0	23.71			17,569
		21.0	144.06			16,854			17.0	28.91			21,422
		19.0	158.38			18,531			13.5	35.77			26,506
		17.0	175.86			20,575			11.0	43.07			31,945
		15.5	191.71			22,430			9.0	51.40			38,087
		13.5	217.86			25,490			11.0	43.07			31,945
		11.0	262.51			30,714			9.0	51.40			38,087
54" IPS *	54.00*	32.5	119.89	2		9,351							
		26.0	148.67			11,597							
		21.0	182.32			14,221							
		19.0	200.45			15,635							
		17.0	222.57			17,360							
		15.5	242.63			18,925							

Note: the 48" and 54" sizes are estimated due to no history



Packing Information - Containers

39' PIPE JOINTS - 20" – 48" * DIPS

39' FOOT JOINTS – 63 MM – 1200 MM* METRIC

SIZE	OD	DR	#/ft	Joints	Feet	Weight lbs	SIZE	OD	DR	#/ft	Joints	Feet	Weight lbs
20" DIPS	21.600	26.0	23.74	16	624	14,814	90 MM	3.543	11.0	1.412	690	26,910	37,997
		21.0	29.10			18,158							
		17.0	35.49			22,146							
		13.5	43.91			27,400							
		11.0	52.85			32,978							
		9.0	63.05			39,343							
24" DIPS	25.80	26.0	33.85	9	351	11,881	125 MM	4.921	11.0	2.708	348	13,572	36,753
		21.0	41.51			14,570							
		17.0	50.63			17,771							
		13.5	62.64			21,987							
		11.0	75.38			26,458							
		9.0	89.97			31,579							
30" DIPS	32.00	26.0	52.10	8	312	16,255	160 MM	6.299	11.0	4.461	234	9,126	40,711
		21.0	63.84			19,918							
		17.0	77.86			24,292							
		13.5	96.35			30,061							
		11.0	115.97			36,183							
36" DIPS*	38.30						200 MM	7.874	11.0	6.934	132	5,148	35,696
42" DIPS*	44.50*						250 MM	9.843	11.0	10.835	90	3,510	38,031
48" DIPS*	50.80*						280 MM	11.024	11.0	13.78	70	2,730	37,620
						315 MM	12.402	11.0	17.44	56	2,184	38,089	
						355 MM	13.976	11.0	22.146	40	1,560	34,548	
						400 MM	14.748	11.0	24.660	30	1,170	28,852	
						450 MM	17.717	11.0	35.588	25	975	34,968	
						500 MM	19.685	11.0	43.934	20	780	34,269	
						560 MM	22.047	11.0	55.110	16	624	34,388	
						630 MM	24.803	11.0	69.749	12	468	32,643	
						800 MM	31.496	11.0	112.471	7	273	30,704	
						1000MM*	39.370*						
						1200MM*	47.244*						



Packing Information - Containers

If the plant preauthorizes containerization of telescoped product, the tables below show what size pipe can be inserted inside a larger size for container shipments. Multiple insertions can be made (12" inside 18", and 6" inside the 12") provided the load does not exceed the weight limits. (Weight limits on county, state, and federal roads are approximately 45,000 lbs)

CONTAINER TELESCOPING SIZING CHART

				INTERIOR PIPE									
Size	OD	DR	ID	6 "	8"	10"	12"	14"	16"	18"	20"	22"	24"
6"	6.625	7.3	4.7	No	No	No	No	No	No	No	No	No	No
6"	6.625	9	5.065	No	No	No	No	No	No	No	No	No	No
6"	6.625	11	5.349	No	No	No	No	No	No	No	No	No	No
6"	6.625	13.5	5.584	No	No	No	No	No	No	No	No	No	No
6"	6.625	17	5.798	No	No	No	No	No	No	No	No	No	No
6"	6.625	21	5.957	No	No	No	No	No	No	No	No	No	No
6"	6.625	26	6.084	No	No	No	No	No	No	No	No	No	No
Size	OD	DR	ID	6 "	8"	10"	12"	14"	16"	18"	20"	22"	24"
8"	8.625	7.3	6.119	No	No	No	No	No	No	No	No	No	No
8"	8.625	9	6.594	No	No	No	No	No	No	No	No	No	No
8"	8.625	11	6.963	No	No	No	No	No	No	No	No	No	No
8"	8.625	13.5	7.25	No	No	No	No	No	No	No	No	No	No
8"	8.625	17	7.55	No	No	No	No	No	No	No	No	No	No
8"	8.625	21	7.754	No	No	No	No	No	No	No	No	No	No
8"	8.625	26	7.921	No	No	No	No	No	No	No	No	No	No
8"	8.625	32.5	8.063	No	No	No	No	No	No	No	No	No	No
Size	OD	DR	ID	6 "	8"	10"	12"	14"	16"	18"	20"	22"	24"
10"	10.75	7.3	7.627	No	No	No	No	No	No	No	No	No	No
10"	10.75	9	8.219	Yes	No	No	No	No	No	No	No	No	No
10"	10.75	11	8.679	Yes	No	No	No	No	No	No	No	No	No
10"	10.75	13.5	9.062	Yes	No	No	No	No	No	No	No	No	No
10"	10.75	17	9.42	Yes	No	No	No	No	No	No	No	No	No
10"	10.75	21	9.665	Yes	No	No	No	No	No	No	No	No	No
10"	10.75	26	9.874	Yes	No	No	No	No	No	No	No	No	No
10"	10.75	32.5	10.048	Yes	No	No	No	No	No	No	No	No	No
Size	OD	DR	ID	6 "	8"	10"	12"	14"	16"	18"	20"	22"	24"
12"	12.75	7.3	9.046	Yes	No	No	No	No	No	No	No	No	No
12"	12.75	9	9.746	Yes	No	No	No	No	No	No	No	No	No
12"	12.75	11	10.293	Yes	Yes	No	No	No	No	No	No	No	No
12"	12.75	13.5	10.749	Yes	Yes	No	No	No	No	No	No	No	No
12"	12.75	17	11.16	Yes	Yes	No	No	No	No	No	No	No	No
12"	12.75	21	11.463	Yes	Yes	No	No	No	No	No	No	No	No
12"	12.75	26	11.711	Yes	Yes	No	No	No	No	No	No	No	No
12"	12.75	32.5	11.919	Yes	Yes	No	No	No	No	No	No	No	No
Size	OD	DR	ID	6 "	8"	10"	12"	14"	16"	18"	20"	22"	24"
14"	14	7.3	9.934	Yes	No	No	No	No	No	No	No	No	No
14"	14	9	10.701	Yes	Yes	No	No	No	No	No	No	No	No
14"	14	11	11.301	Yes	Yes	No	No	No	No	No	No	No	No
14"	14	13.5	11.802	Yes	Yes	No	No	No	No	No	No	No	No
14"	14	17	12.253	Yes	Yes	Yes	No	No	No	No	No	No	No
14"	14	21	12.586	Yes	Yes	Yes	No	No	No	No	No	No	No
14"	14	26	12.859	Yes	Yes	Yes	No	No	No	No	No	No	No
14"	14	32.5	13.086	Yes	Yes	Yes	No	No	No	No	No	No	No



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Size	OD	DR	ID	6 "	8 "	10 "	12 "	14 "	16 "	18 "	20 "	22 "	24 "
16"	16	7.3	11.353	Yes	Yes	No	No	No	No	No	No	No	No
16"	16	9	12.231	Yes	Yes	No	No	No	No	No	No	No	No
16"	16	11	12.915	Yes	Yes	Yes	No	No	No	No	No	No	No
16"	16	13.5	13.488	Yes	Yes	Yes	No	No	No	No	No	No	No
16"	16	17	14.005	Yes	Yes	Yes	No	No	No	No	No	No	No
16"	16	21	14.385	Yes	Yes	Yes	Yes	No	No	No	No	No	No
16"	16	26	14.696	Yes	Yes	Yes	Yes	No	No	No	No	No	No
16"	16	32.5	14.957	Yes	Yes	Yes	Yes	No	No	No	No	No	No
Size	OD	DR	ID	6 "	8 "	10 "	12 "	14 "	16 "	18 "	20 "	22 "	24 "
18"	18	7.3	12.772	Yes	Yes	Yes	No	No	No	No	No	No	No
18"	18	9	13.76	Yes	Yes	Yes	No	No	No	No	No	No	No
18"	18	11	14.532	Yes	Yes	Yes	Yes	No	No	No	No	No	No
18"	18	13.5	15.174	Yes	Yes	Yes	Yes	No	No	No	No	No	No
18"	18	17	15.755	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
18"	18	21	16.183	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
18"	18	26	16.533	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
18"	18	32.5	16.826	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Size	OD	DR	ID	6 "	8 "	10 "	12 "	14 "	16 "	18 "	20 "	22 "	24 "
20"	20	7.3	14.191	Yes	Yes	Yes	No	No	No	No	No	No	No
20"	20	9	15.289	Yes	Yes	Yes	Yes	No	No	No	No	No	No
20"	20	11	16.146	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
20"	20	13.5	16.86	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
20"	20	17	17.507	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
20"	20	21	17.982	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
20"	20	26	18.37	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
20"	20	32.5	18.696	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Size	OD	DR	ID	6 "	8 "	10 "	12 "	14 "	16 "	18 "	20 "	22 "	24 "
22"	22	7.3	15.61	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
22"	22	9	16.819	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
22"	22	11	17.76	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
22"	22	13.5	18.544	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
22"	22	17	19.257	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
22"	22	21	19.778	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
22"	22	26	20.206	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
22"	22	32.5	20.565	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Size	OD	DR	ID	6 "	8 "	10 "	12 "	14 "	16 "	18 "	20 "	22 "	24 "
24"	24	7.3	17.029	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
24"	24	9	18.346	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
24"	24	11	19.374	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
24"	24	13.5	20.231	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
24"	24	17	21.007	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
24"	24	21	21.577	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
24"	24	26	22.043	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
24"	24	32.5	22.435	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Size	OD	DR	ID	6 "	8 "	10 "	12 "	14 "	16 "	18 "	20 "	22 "	24 "
26"	26	7.3	18.449	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
26"	26	9	19.875	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
26"	26	11	20.988	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
26"	26	13.5	21.917	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
26"	26	17	22.759	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
26"	26	21	23.375	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
26"	26	26	23.880	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
26"	26	32.5	24.304	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No



Packing Information - Containers

Size	OD	DR	ID	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"
28"	28	9	21.405	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
28"	28	11	22.605	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
28"	28	13.5	23.603	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
28"	28	17	24.508	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
28"	28	21	25.174	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
28"	28	26	25.717	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
28"	28	32.5	26.173	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Size	OD	DR	ID	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"
30"	30	9	22.934	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
30"	30	11	24.219	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
30"	30	13.5	25.289	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
30"	30	17	26.258	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
30"	30	21	26.971	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
30"	30	26	27.554	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
30"	30	32.5	28.043	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Size	OD	DR	ID	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"
32"	32	11	25.833	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
32"	32	13.5	26.976	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
32"	32	17	28.010	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
32"	32	21	28.769	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
32"	32	26	29.390	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
32"	32	32.5	29.912	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Size	OD	DR	ID	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"
34"	34	11	27.447	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
34"	34	13.5	28.660	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
34"	34	17	29.760	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
34"	34	21	30.568	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
34"	34	26	31.227	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
34"	34	32.5	31.782	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Size	OD	DR	ID	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"
36"	36	17	31.510	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
36"	36	21	32.366	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
36"	36	26	33.064	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
36"	36	32.5	33.651	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Size	OD	DR	ID	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"
42"	42	13.5	35.405	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
42"	42	17	36.761	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
42"	42	21	37.760	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
42"	42	26	38.576	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
42"	42	32.5	39.261	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
42"	42	41.0	39.829	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Size	OD	DR	ID	20"	22"	24"	26"	28"	30"	32"	34"	36"	42"
48"	48	17	42.013	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
48"	48	21	43.154	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
48"	48	26	44.086	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
48"	48	32.5	44.869	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
48"	48	41.0	45.517	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



Packing Information - Containers

Size	OD	DR	ID	22"	24"	26"	28"	30"	32"	34"	36"	42"	48"
54"	54	21	48.549	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
54"	54	26	49.597	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
54"	54	32.5	50.477	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
54"	54	41.0	51.208	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes