

Disposal Container Guideline Data

Liner ¹	Top Type	Cask Compatability ¹¹	Empty Weight (lbs.) ⁶	Gross Weight (lbs.) ⁵	Burial Volume (ft3) ²	Max Overall Diameter (in) ⁸	Max Container Diameter (in) ⁸	Wall Thickness (in) ¹³	Max Height (in) ⁷	Max Container Height (in) ⁷	Manway Opening (in) ⁹ (NON-SEDS ONLY)	Internal Type	Max Internal Volume (ft3) ⁴	Filter Volumes (ft3)	Usable Internal Volume (ft3) ³	Volume at Depth on Ruler (ft3) (for SEDS/SERDS ONLY)												85% Full Volume (ft3) ¹²												
																1 in	2 in	3 in	4 in	5 in	6 in	7 in	8 in	9 in	10 in	11 in	12 in													
PL 6-80	---	6-80-2, 8-120, 8-120, 10-142, 10-160, 14-170, 14-190, 14-195, 14-210, 14-215, 18-450, 21-300	**	7500	83.4	59	58	0.45	57.5	56.75	20	MTIF	64	---	---	---	---	---	---	---	---	---	---	---	---	---	---	54												
													73	0	71	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	60		
														1	70	69	68	67	65	64	63	61	60	59	57	56	54	53	58											
														2	68	67	66	65	64	62	61	60	58	57	55	54	53	58												
														5	66	64	63	62	61	59	58	57	55	54	52	51	50	56												
PL 8-120	---	8-120, 10-160, 14-195, 14-210, 14-215, 18-450, 21-300	**	10000	120.3	62	61	0.45	74.5	73.75	20	MTIF	96	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	82											
													108	0	106	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	90	
														1	105	104	102	101	100	98	97	95	94	92	91	89	87	89												
														3	102	101	100	98	97	96	94	93	91	90	88	86	85	87												
														8	98	96	95	94	93	91	90	88	87	85	83	82	80	83												
PL 10-160 Commercial	---	10-160, 14-195, 14-215, 18-450, 21-300	**	9500	145.8	67.5	66.5	0.45	76.25	75.5	20	MTIF	119	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101											
													132	0	128	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	108	
														1	127	125	124	122	121	119	117	116	114	112	110	108	106	108												
														3	124	123	121	120	118	117	115	113	111	109	108	106	104	106												
														8	120	118	117	115	114	112	110	109	107	105	103	101	99	102												
PL 14-170	---	14-170, 14-190, 14-195, 14-215, 18-450, 21-300	**	10800	170.8	75	73.5	0.45	72.75	71.75	20	MTIF	135	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	115											
													150	0	148	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	125	
														1	147	145	144	142	140	139	137	135	133	130	128	126	124	125												
														4	143	142	140	139	137	135	133	131	129	127	125	123	120	122												
														10	138	136	135	133	131	130	128	126	124	121	119	117	115	117												
PL 14-195	---	14-195, 14-210, 14-215, 18-450, 21-300	**	12200	194.1	77	75	0.45	79.5	78.25	20	MTIF	155	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	131											
													171	0	169	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	144
														1	169	167	166	164	162	160	158	156	154	152	149	147	145	143												
														4	165	164	162	160	159	157	155	153	151	148	146	144	142	140												
														10	160	158	157	155	153	151	149	147	145	143	141	138	136	136												

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Liner ¹	Top Type	Cask Compatability ¹¹	Empty Weight (lbs.) ⁶	Gross Weight (lbs.) ⁵	Burial Volume (ft3) ²	Max Overall Diameter (in) ⁸	Max Container Diameter (in) ⁸	Wall Thickness (in) ¹³	Max Height (in) ⁷	Max Container Height (in) ⁷	Manway Opening (in) ⁹ (NON-SEDS ONLY)	Internal Type	Max Internal Volume (ft3) ⁴	Filter Volumes (ft3)	Usable Internal Volume (ft3) ³	Volume at Depth on Ruler (ft3) (for SEDS/SERDS ONLY)												85% Full Volume (ft3) ¹²												
																1 in	2 in	3 in	4 in	5 in	6 in	7 in	8 in	9 in	10 in	11 in	12 in													
PL 14-215	---	14-210, 14-215, 18-450, 21-300	**	13000	205.8	76.125	76	0.64	79.6	78	20	MTIF	170	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	145											
												MT	188	0	181	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	154	
												FR		1	181	178	176	173	171	168	166	163	161	158	156	153	151	153												
												FP		4	177	175	172	170	167	165	162	160	157	155	152	150	147	151												
												FEDX		10	172	169	167	164	162	159	157	154	152	149	147	144	142	146												
PL 21-300	---	21-300	**	18750	314.2	83	81	0.45	108.5	108.25	20	MTIF	262	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	222										
												MT	284	0	282	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	240
												FR		1	281	280	278	276	274	272	270	267	265	263	260	257	255	239												
												FP		7	276	274	272	270	268	266	264	262	259	257	254	252	249	234												
												FEDX		16	266	265	263	261	259	257	255	252	250	247	245	242	240	226												
L 6-80	Wide Mouth	6-80-2, 8-120, 8-120, 10-142, 10-160, 14-170, 14-190, 14-195, 14-210, 14-215, 18-450, 21-300	**	9900	87.2	58.125	58.125	0.1196	57.125	55.5	47.875	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	Wide Top			10052	84.1				55.46875	55.5	43																													
	Square Top			9900	87.2				57.125	55.5	32x32																													
	Barrel Top			9900	87.2				57	55	22.5																													
	Barrel Top Flat Wall (SEDS Compatible)			9900	---				MT	82	0																					82	81	80	78	77	75	74	72	71
FR	5	77	76			74	73	72	70		69	67	66	64	63	61	60	65																						
FP	0	---	---			---	---	---	---		---	---	---	---	---	---	---	---	---	---																				
FEDX	0	---	---			---	---	---	---		---	---	---	---	---	---	---	---	---	---																				
L 8-120	Wide Mouth	8-120, 10-160, 14-195, 14-210, 14-215, 18-450, 21-300	**	14500	125.2	61.125	61.125	0.1196	74.125	72.5	50.875	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	Wide Top			14675	122.6				72.96875	72.5	46																													
	Square Top			14500	125.2				74.125	75.5	36x36																													
	Barrel Top			14500	125.2				74	72	22.5																													
	Barrel Top Flat Wall (SEDS Compatible)			14500	125.2				---	MT	120																					0	120	119	117	115	114	112	110	109
FR	1	119	118			116	114	113		111		109	108	106	104	103	101	99	101																					
FP	3	116	115			114	112	110		109		107	105	104	102	100	99	97	99																					
FEDX	8	112	111			109	107	106		104		103	101	99	98	96	94	93	95																					
L 10-160	Barrel Top Flat Wall (SEDS Compatible)	10-160, 14-195, 14-215, 18-450, 21-300	**	14500	152.3	66.625	66.625	0.1196	74	72	22.5	MT	142	0	142	141	139	137	135	133	131	129	127	125	123	121	119	121												
												FR		1	141	140	138	136	134	132	130	128	126	124	122	120	118	120												
												FP		3	139	138	136	134	132	130	128	126	124	122	120	118	116	118												
												FEDX		8	134	133	131	129	127	125	123	121	119	117	115	113	111	114												

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Liner ¹	Top Type	Cask Compatibility ¹¹	Empty Weight (lbs.) ⁶	Gross Weight (lbs.) ⁵	Burial Volume (ft ³) ²	Max Overall Diameter (in) ⁸	Max Container Diameter (in) ⁸	Wall Thickness (in) ¹³	Max Height (in) ⁷	Max Container Height (in) ⁷	Manway Opening (in) ⁹ (NON-SEDS ONLY)	Internal Type	Max Internal Volume (ft ³) ⁴	Filter Volumes (ft ³)	Usable Internal Volume (ft ³) ³	Volume at Depth on Ruler (ft ³) (for SEDS/SERDS ONLY)												85% Full Volume (ft ³) ¹²																
																1 in	2 in	3 in	4 in	5 in	6 in	7 in	8 in	9 in	10 in	11 in	12 in																	
																L 14-170	Wide Mouth	14-170, 14-190, 14-195, 14-215, 18-450, 21-300	**	20750	180.1	74.625	74.625	0.1196	72.375	69.75	64.375		---	172	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Wide Top	21030	177.5	70.84375	69.75	59.5																																							
Square Top	20750	177.5	70.5	69.75	48x48																																							
Barrel Top	20750	180.1	71.375	69.375	22.5																																							
Barrel Top Flat Wall (SEDS Compatible)	20750	180.1	71.375	69.375	---	MT	0	172	171	168	166	163	161	158	156		153			151	148				146	143	146																	
											FR	1	171	170	167	165	162	160	157	155	152	150	147	145	142	145																		
												FP	4	168	166	164	161	159	156	154	152	149	147	144	142	139	143																	
												FEDX	10	162	161	158	156	153	151	148	146	143	141	139	136	134	138																	
L 14-195	Wide Mouth	14-195, 14-210, 14-215, 18-450, 21-300	**	21000	207.4	76.125	76.125	0.1196	78.625	77.5	65.875	---	199	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---																
	Wide Top			22050	200.8				76.96875	76.8	61																																	
	Square Top			23700	206.1				78.625	77.5	48x48																																	
	Barrel Top			23700	207.4				79	77	22.5																																	
	Barrel Top Flat Wall (SEDS Compatible)			23700	207.4				79	77	---																		MT	0	199	197	195	192	190	187	185	182	179	177	174	172	169	169
											FR	1	198	197	194	191	189	186	184	181	179	176	173	171	168	169																		
												FP	4	195	193	191	188	186	183	180	178	175	173	170	168	165	166																	
												FEDX	10	189	188	185	182	180	177	175	172	170	167	165	162	159	161																	
L 21-300	Wide Top	21-300	**	27600	322.4	82.125	82.125	0.1196	106.9688	106.5	67	---	320	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---																
	Square Top			27250	328.5		82.125		107.625	106.5	56x56																																	
	Barrel Top			27250	330.1		82.125		108	106	22.5																																	
	Barrel Top Flat Wall (SEDS Compatible)			27250	330.1		82.125		108	106	---																		MT	0	320	318	315	312	309	306	303	300	297	294	291	288	285	272
																																	FR	1	319	317	314	311	308	305	302	299	296	293
												FP	7	313	311	308	305	302	299	296	293	290	288	285	282	279	266																	
												FEDX	16	304	302	299	296	293	290	287	284	281	278	275	272	269	259																	
EL-50	---	6-80	**	4200	51.2	47	47	0.7	51	46	19.75	---	41	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---															
EL-142	---	10-160	**	8250	132.4	64.5	64.5	0.7	70	65	19.75	---	114	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---															
													114																															
													109																															

Disposal Container Guideline Data

Liner ¹	Top Type	Cask Compatability ¹¹	Empty Weight (lbs.) ⁶	Gross Weight (lbs.) ⁵	Burial Volume (ft ³) ²	Max Overall Diameter (in) ⁸	Max Container Diameter (in) ⁸	Wall Thickness (in) ¹³	Max Height (in) ⁷	Max Container Height (in) ⁷	Manway Opening (in) ⁹ (NON-SEDS ONLY)	Internal Type	Max Internal Volume (ft ³) ⁴	Filter Volumes (ft ³)	Usable Internal Volume (ft ³) ³	Volume at Depth on Ruler (ft ³) (for SEDS/SERDS ONLY)												85% Full Volume (ft ³) ¹²
																1 in	2 in	3 in	4 in	5 in	6 in	7 in	8 in	9 in	10 in	11 in	12 in	
EL-190	---	14-170	**	11950	174.3	73.5	73.5	0.7	71	66	19.75	---	151	---	---	---	---	---	---	---	---	---	---	---	---	---		
													151															
													145															
EL-210	---	14-195, 14-215	**	13000	202.1	75.5	75.5	0.7	78	73	19.75	---	177	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
													177															
													171															
Radlok 500	---	14-170, 14-195, 14-215	**	9500	135.8	64.875	64.875	0.575	71.875	71	15.8125	---	111	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PV-24-79	---	---	**	1900	20.7	24.25	24.25	0.25	79.125	79	---	---	18	---	16	---	---	---	---	---	---	---	---	---	---	---	---	---
PV-24-72	---	---	**	1750	18.8	24.25	24.25	0.25	71.75	71	---	---	16	---	14	---	---	---	---	---	---	---	---	---	---	---	---	---
PV-24-51	---	---	**	1150	13.4	24.25	24.25	0.25	51.25	51	---	---	11	---	9	---	---	---	---	---	---	---	---	---	---	---	---	---

- NOTES:
 --- Information not applicable
 ** Empty weight stenciled on each container.
 1 - Identifies liner material, liner size, and internal components. Only dewatering internals are included in this table. In-situ, solidification, mixers, etc. are not included.
 2 - A simple geometric shape derived using maximum container dimensions (includes any void spaces within the envelope of the container).
 3 - Internal volume less any internal components and void spaces above the maximum fill point.
 4 - Total volume of completely empty container.
 5 - Maximum load capacity of the final container package (includes liner, internal components, waste).
 6 - Weight of container package less any added waste (weight as shipped from ES to end user).
 7 - Maximum height includes lifting devices. Maximum container height is the HIC or liner container height.
 8 - Maximum overall diameter includes lifting bails or outer shell. Maximum container diameter is the container shell only.
 9 - Opening for man entry into the container.
 10 - Reduced opening size for fillport (applicable to liners with secondary lids only).
 11 - Casks the liner can fit into (shoring may be required for liners fitting into larger casks).
 12 - 85% Full Volume is 85% of the internal usable volume.
 13 - Minimum wall thickness for PL, EL, and Radlok series liners. Nominal wall thickness for L series liners and PVs.

LEGEND			
CONTAINERS		INTERNALS	
PL	Poly Liner	MT	Empty
RDLK	Radlok Poly	MTIF	Empty w/ Foam
EL	Envirolene Poly	FR	Bead Resin
L	Carbon Steel	FP	Powdex
ES	Enviro Steel	FEDX	Ecodex