

Total Package Clearances For Placement in Cask*

Total Diameter Clearance (in.)* = 0.5
Total Height Clearance (in.)* = 1.0

* Allowance for size
variability and lift sling
lay down

14-212

Container

Name	Lift	Diameter (in.)	Height (in.)	Diameter Clearance (in.)	Height Clearance (in.)
Radlok 55	Standard	23.50	35.38	53.75	44.87
Radlok 179	Standard	73.50	72.88	3.75	7.37
Radlok 195	Standard	73.50	79.50	3.75	NO
Radlok 200	Standard	51.88	60.38	25.37	19.87
Radlok 500	Standard	64.50	71.88	12.75	8.37
Radlok 179	Grapple	72.75	73.50	4.50	6.75
Radlok 195	Grapple	73.50	79.88	3.75	NO
Radlok 500	Grapple	64.75	71.81	12.50	8.44
EL-50	Standard	47.50	51.00	29.75	29.25
EL-142	Standard	65.00	70.00	12.25	10.25
EL-190	Standard	74.38	71.00	2.87	9.25
EL-210	Standard	76.38	78.00	0.87	2.25
EL-50	Grapple	47.00	51.38	30.25	28.87
EL-142	Grapple	65.00	70.38	12.25	9.87
EL-190	Grapple	74.38	71.38	2.87	8.87
EL-210	Grapple	76.38	78.38	0.87	1.87
ES-50	Standard / Grapple	47.25	51.00	30.00	29.25
ES-142	Standard / Grapple	64.25	71.25	13.00	9.00
ES-190	Standard / Grapple	73.25	72.00	4.00	8.25
ES-210	Standard	75.50	79.75	1.75	NO
ES-210	Grapple	75.50	79.30	1.75	NO

Total Package Clearances For Placement in Cask*

Total Diameter Clearance (in.)* = 0.5
Total Height Clearance (in.)* = 1.0

* Allowance for size
variability and lift sling
lay down

14-212

Container

C-118	Standard	60.00	74.00	17.25	6.25
C-131	Standard	64.50	71.00	12.75	9.25
C-179	Standard	74.50	72.50	2.75	7.75
EA-50-A	Standard	46.50	50.75	30.75	29.50
EA-140-A	Standard	64.00	70.25	13.25	10.00
EA-142-A	Standard	64.00	71.25	13.25	9.00
EA-190-A	Standard	73.50	71.63	3.75	8.62
EA-210-A	Standard	75.25	78.50	2.00	1.75
EA-50-A	Grapple	46.50	51.00	30.75	29.25
EA-140-A	Grapple	64.00	70.50	13.25	9.75
EA-142-A	Grapple	64.00	71.50	13.25	8.75
EA-190-A	Grapple	73.50	71.88	3.75	8.37
EA-210-A	Grapple	75.25	78.75	2.00	1.50
EA-50-C	Standard	46.50	47.38	30.75	32.87
EA-140-C	Standard	64.00	65.25	13.25	15.00
EA-142-C	Standard	64.00	66.25	13.25	14.00
EA-190-C	Standard	73.50	66.63	3.75	13.62
EA-210-C	Standard	75.25	74.00	2.00	6.25
EA-50-C	Grapple	46.50	47.38	30.75	32.87
L-182-W	Standard	74.50	72.00	2.75	8.25
L-207-W	Standard	75.88	78.88	1.37	1.37

Total Package Clearances For Placement in Cask*

Total Diameter Clearance (in.)* = 0.5
Total Height Clearance (in.)* = 1.0

* Allowance for size
variability and lift sling
lay down

14-212

Container

PL 6-80 MT PL 6-80 MTIF PL 6-80 FR PL 6-80 FP/FEDX	Standard (with tabs)	58.75	57.50	18.50	22.75
	Standard (W/O tabs)	58.00	57.50	19.25	22.75
	Grapple (with tabs)	59.50	57.50	17.75	22.75
	Grapple (W/O tabs)	58.00	57.50	19.25	22.75
	Grapple Stack (with tabs)	60.00	57.50	17.25	22.75
	Grapple Stack (W/O tabs)	58.50	57.50	18.75	22.75
PL 8-120 MT PL 8-120 MTIF PL 8-120 FP/FEDX PL 8-120 CMT	Standard (with tabs)	61.75	74.50	15.50	5.75
	Standard (W/O tabs)	61.00	74.50	16.25	5.75
	Grapple (W/O tabs)	61.00	74.50	16.25	5.75
	Grapple Stack (W/O tabs)	61.50	74.50	15.75	5.75
PL 10-160 (Commercial) MT PL 10-160 (Commercial) MTIF PL 10-160 (Commercial) FR PL 10-160 (Commercial) FP/FEDX PL 10-160 (Commercial) CMT	Standard (with tabs)	67.25	76.25	10.00	4.00
	Standard (W/O tabs)	65.50	76.25	11.75	4.00
	Grapple (with tabs)	67.50	76.25	9.75	4.00
	Grapple (W/O tabs)	65.50	76.25	11.75	4.00
PL 10-160 (Navy) MT PL 10-160 (Navy) MTIF PL 10-160 (Navy) FR PL 10-160 (Navy) FP/FEDX PL 10-160 (Navy) CMT	Standard (with tabs)	66.50	76.25	10.75	4.00
	Standard (W/O tabs)	64.75	76.25	12.50	4.00
	Grapple (with tabs)	66.75	76.25	10.50	4.00
	Grapple (W/O tabs)	64.75	76.25	12.50	4.00

Total Package Clearances For Placement in Cask*

Total Diameter Clearance (in.)* = 0.5
Total Height Clearance (in.)* = 1.0

* Allowance for size
variability and lift sling
lay down

14-212

Container

PL 14-170 MT PL 14-170 MTIF PL 14-170 FR PL 14-170 FP/FEDX PL 14-170 CMT	Standard (with tabs)	75.25	72.75	2.00	7.50
	Standard (W/O tabs)	73.50	72.75	3.75	7.50
	Grapple (with tabs)	75.50	72.75	1.75	7.50
	Grapple (W/O tabs)	73.50	72.75	3.75	7.50
	Grapple Stack (with tabs)	75.50	72.75	1.75	7.50
	Grapple Stack (W/O tabs)	74.00	72.75	3.25	7.50
PL 14-170 MT PL 14-170 MTIF PL 14-170 FR PL 14-170 FP/FEDX PL 14-170 CMT	Standard (with tabs)	76.75	79.50	0.50	NO
	Standard (W/O tabs)	75.00	79.50	2.25	NO
	Grapple (with tabs)	77.00	79.50	0.25	NO
	Grapple (W/O tabs)	75.00	79.50	2.25	NO
	Grapple Stack (with tabs)	77.00	79.50	NO	NO
	Grapple Stack (W/O tabs)	75.00	79.50	2.25	NO
PL 14-215 MT PL 14-215 MTIF PL 14-215 FR PL 14-215 FP/FEDX	Standard (W/O tabs)	76.125	79.50	1.13	NO
		76.125	79.50	1.13	NO
	Grapple (W/O tabs)	76.375	79.50	0.88	NO
		76.375	79.50	0.88	NO
PL 14-300 MT PL 14-300 MTIF PL 14-300 FR PL 14-300 FP/FEDX	Standard (with tabs)	82.75	108.50	NO	NO
	Standard (W/O tabs)	81.00	108.50	NO	NO
	Grapple (with tabs)	82.75	108.50	NO	NO
	Grapple (W/O tabs)	81.50	108.50	NO	NO
	Grapple Stack (with tabs)	82.50	108.50	NO	NO
	Grapple Stack (W/O tabs)	82.00	108.50	NO	NO

Total Package Clearances For Placement in Cask*

Total Diameter Clearance (in.)* = 0.5
Total Height Clearance (in.)* = 1.0

* Allowance for size
variability and lift sling
lay down

14-212

Container

L 60-80 MT	58.00	57.00	19.25	23.25
L 60-80 CMT	58.00	57.00	19.25	23.25
L 60-80 IN-SITU	58.00	57.00	19.25	23.25
L 60-80 FP	58.00	57.00	19.25	23.25
L 60-80 FP/FEDX	58.00	57.00	19.25	23.25
L 7-100 MT	74.50	40.00	2.75	40.25
L 7-100 CMT	74.50	40.00	2.75	40.25
L 8-120 MT	61.00	74.00	16.25	6.25
L 8-120 CMT	61.00	74.00	16.25	6.25
L 8-120 IN-SITU	61.00	74.50	16.25	5.75
L 8-120 FR	61.00	74.00	16.25	6.25
L 8-120 FP/FEDX	61.00	74.00	16.25	6.25
L 14-170 TVA	69.00	73.25	8.25	7.00
L 14-170 MT	74.50	71.375	2.75	8.88
L 14-170 CMT	74.50	71.375	2.75	8.88
L 14-170 IN-SITU	74.50	74.00	2.75	6.25
L 14-170 FR	74.50	71.375	2.75	8.88
L 14-170 FP/FEDX	74.50	71.375	2.75	8.88
L 14-195 MT	76.00	79.00	1.25	1.25
L 14-195 CMT	76.00	79.00	1.25	1.25
L 14-195 IN-SITU	76.00	78.50	1.25	1.75
L 14-195 FR	76.00	79.00	1.25	1.25

Total Package Clearances For Placement in Cask*

Total Diameter Clearance (in.)* = 0.5
Total Height Clearance (in.)* = 1.0

* Allowance for size
variability and lift sling
lay down

14-212

Container

L 14-195 FP/FEDX	76.00	79.00	1.25	1.25
L 21-300 MT	82.00	108.00	NO	NO
L 21-300 FP/FEDX	82.00	108.00	NO	NO
1-13G INSERT	19.25	43.75	58.00	36.50
1-13 LINER	25.00	51.375	52.25	28.88
3-55 LINER	34.00	109.25	43.25	NO
PV-24-79	24.00	78.875	53.25	1.38
PV-24-72	24.00	72.00	53.25	8.25
PV-24-51	24.00	51.00	53.25	29.25

ALL INFORMATION IS INTENDED TO AID CASK USERS. USERS SHOULD VERIFY CONTAINER COMPATABILITY, CLEARANCE, SHIELDING, ETC. PRIOR TO USE BASED ON ACTUAL PHYSICAL MEASUREMENTS.