



Duratek Transport Cask Inventory

CNS Transport Container	No.	Classification C of C	Internal Dim. Dia. x Hgt.	PB Shielding Equivalence (inches)	Approx. Maximum Rad-levels (R/hr) based on 10% Cobalt 60	Liner Capacity (ft ³)	Drum (55-gal) Capacity	Approx. Maximum Empty Weight (lbs)	No Limit Maximum Payload (lbs)
CNS 1-13G	1	Type B USA/9216/B	26.50" x 54.00"	6.20	6,000	17	1	25,500	No Limit
CNS 1-13C	1	Type B USA/9081/B	26.50" x 54.00"	5.70	4,500	17	1	21,200	5,000
CNS 3-55	2	Type B USA/5805/B	36.00" x 111.125"	7.00	15,000	60	3	56,912	9,220
CNS 6-80-2	5	DOT7A	59.00" x 58.00"	5.00	1,000	91	4	44,000	7,500
CNS 8-120A	4	DOT7A	62.00" x 75.00"	4.50	400	130	8	54,000	20,000
CNS 8-120B	4	Type B USA/9168/B	62.00" x 75.00"	4.50	880	130	8	49,300	14,680
CNS 10-160B	1	Type B USA/9204/B (U)-85	68" x 77" (w/o SS liner) 67.75" x 76 $\frac{3}{4}$ " (with SS liner)	3.13	78	161	10	47,000	14,500
CNS 14-170 Series II	4	DOT7A	75.50" x 73.38"	2.13	15	185	14	33,800	14,000
CNS 14-170 Series III	5	DOT7A	75.50" x 73.38"	2.13	15	185	14	35,200	17,800
CNS 14-190H	1	DOT7A	75.25" x 73.38"	3.50	50	185	14	45,200	20,000
CNS 14-195H	9	DOT7A	77.00" x 80.13"	2.73	21	215	14	39,650	17,700
CNS 14-215H	8	DOT7A	77.00" x 80.25"	2.73	20	215	14	38,400	20,000
CNS 15-160	1	Strong, tight container	126" x 36" x 75"	1.50	1.9	NA	15	37,000	No Limit
CNS 18-450	1	Strong, tight container	86.00" x 86.00" x 100.00"	1.50	No more than 1 R/hr on contact	450	18	37,000	No Limit
CNS 21-300	10	DOT7A	83.00" x 109.25"	1.50	3	340	21	30,200	27,250
21-300	2		76.25" x 106 $\frac{1}{2}$ "	2.00	3	170	8	39,310	27,250



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w/shield insert									
FSV-1	2	Type B USA/6346/B	17.7" x 187.6"	7.50	15,000+	26.2	0	42,305	3,720
CNS 27-415	1	Shielded shipping box	39" H x 78" W x 233 $\frac{3}{4}$ " L	0.66-1.15	.075	415	27	26,725	No Limit
Shielded van		Closed transport vehicle	75" x 40" x 9"	0.50	0.750	NA	NA	33,000	26,000
Regular van		NA	13'6"H x 48'L 13'6"H x 45'L	NA	0.200	NA	NA	17,500	45,000
Flatbed		NA	8'W x 48"L 8'W x 45"L	NA	0.80	NA	NA	14,000	48,000

*Based on Cobalt 60 gamma energy, these rad levels are generally found to be conservative. However, equivalent shielding should be carefully evaluated in relation to the specific isotopes involved. Reference the individual cask's maximum allowable activity concentration curves to determine your specific case.