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Cryogenic Liquid Fill Chart

Dewar Size	DOT Specification	Safety: PSI	Liquid Capacity- Liters	Argon LBS	Argon cu.ft.	Nitrogen LBS	Nitrogen cu.ft	Oxygen LBS	Oxygen cu.ft	Carbon Dioxide LBS	Carbon Dioxide cu.ft
80	4L292	22, 35, 50, 75, 100	85	237	2292	135	1863	193	2330		
80	4L292	230	85	223	2157	129	1780	183	2210		
120	4L100	22, 35, 50, 75, 100	120	335	3240	190	2622	272	3285		
120	4L100	230	120	314	3037	182	2512	259	3128		
160	4L100	22, 35, 50, 75, 100	163.6	457	4420	259	3575	371	4480		
160	4L200	230	176	461	4458	267	3685	379	4577		
160	4L292	350	176	438	4236	252	3478	360	4347	387	3383
160	4L292	500	176	430	4158	236	3257	352	4251		
180	4L100	22, 35, 50, 75, 100	186.8	522	5048	296	4086	423	5108		
180	4L200	230	193	505	4884	293	4044	416	5024		
180	4L292	350	188	467	4516	269	3713	385	4649	414	3619
180	4L412	500	188	459	4439	252	3478	376	4540		
200	4L200	22, 35, 50, 75, 100	209	584	5648	331	4569	474	5724		
200	4L200	230	209	547	5290	317	4375	451	5446		
200	4L292	350	208	517	5000	298	4113	426	5144	459	4012
200	4L412	500	200	488	4719	268	3699	400	4830		
230	4L100	22, 35, 50, 75, 100	240	671	6489	380	5245	544	6569		
230	4L200	230	240	628	6073	364	5024	517	6243		
230	4L292	350	240	597	5773	344	4748	419	5929	528	4615
265	4L200	22, 35, 50, 75, 100	276	771	7456	437	6032	625	7547		
265	4L200	230	276	723	6992	419	5783	595	7185		
265	4L292	350	276	686	6634	395	5452	565	6823	607	5306
450	4L292	230	443	1160	11218	672	9276	955	11532		
450	4L292	350	443	1101	10648	634	8751	906	10941		
450	4L412	500	437	1067	10319	856	8088	875	10566		



Cryogenic Liquid Conversion Chart

Argon	1 Liter =	29.71	Cubic Feet	3.072 lbs	Per Liter
Nitrogen	1 Liter =	24.5963	Cubic Feet	1.782 lbs	Per Liter
Oxygen	1 Liter =	30.38	Cubic Feet	2.517 lbs	Per Liter
Carbon Dioxide	1 Liter =	19.562	Cubic Feet	2.238 lbs	Per Liter