Desiccant Recommendation Chart

Unit Bags

- Silica Gel Beaded
- Clay

**Calculate the Volume or Area of your container and choose the type of desiccant desired.*

Volume			Area		Units Required
Cu Inches	Cu Feet	Gallons	Sq inches	Sq Feet	
237	0.14	1.10	15	0.10	1/6
476	0.28	2.10	30	0.20	1/3
715	0.42	3.20	45	0.30	1/2
1,429	0.83	6.20	90	0.60	1
2,857	1.67	12.50	180	1.30	2
4,286	2.50	18.70	270	1.90	3
5,714	3.33	25.00	360	2.50	4
7,143	4.17	31.20	450	3.10	5
8,571	5.00	37.40	540	3.80	6
10,000	5.83	43.60	630	4.40	7
11,423	6.67	50.00	720	5.00	8
12,857	7.50	56.10	810	5.60	9
14,286	8.33	62.30	900	6.30	10
17,143	10.00	74.80	1,080	7.50	12
20,000	11.67	87.30	1,260	8.80	14
22,857	13.33	99.70	1,440	10.00	16
28,571	16.67	125.00	1,800	12.50	20
42,857	25.00	187.00	2,700	18.80	30
57,143	33.33	249.00	3,600	25.00	40
71,429	41.67		4,500	31.30	50
85,714	50.00		5,400	37.50	60
100,000	58.30		6,300	43.80	70
114,286	66.67		7,200	50.00	80

* A "unit" of desiccant refers to its drying capacity, not its volume. A unit (approx. one ounce) is the amount of desiccant that will adsorb at least 3 grams of water vapor at 20% relative humidity and at least 6 grams of water vapor at 40% relative humidity at 77°F (25°C).

Pillow Paks and Continuous Strip Paks

Container Size	Required Amount (grams)		
Cubic CM	Silica Gel	Activated Carbon	S.G./Carbon (50/50)
30	1/8	1/4	1/4
40	1/4	1/4	1/4
50	1/2	1/4	1/4
60	1/2	1/2	1/2
75	3/4	1/2	1/2
100	1	1	1
150	1	1	1
200	2	2	2
300	2	2	2
400	3	2	3
500	3	2	3
750	5	2	5
950	5	5	5