

Pillow Pak Charts

PILLOW PAK			
CONTAINER SIZE (CM ³)	SILICA GEL	ACTIVATED CARBON	50/50 CARB. / SILICA GEL
30	1/4	1/4	1/2
40	1/4	1/4	1/2
50	1/2	1/2	1
60	1/2	1/2	1
75	3/4	3/4	2
100	1	1	2
150	1	1	2
200	2	2	4
300	2	2	4
400	3	3	6
500	3	3	6
750	5	3	10
950	5	5	10

COMPARISON CHART					
PROPERTY OF H ₂ O CONCENTRATIONS	MOLECULAR SIEVE	SILICA GEL	MONTMORILLONITE CLAY	CALCIUM OXIDE	CALCIUM SULFATE
Adsorptive capacity at low H ₂ O concentrations	Excellent	Poor	Fair	Excellent	Good
Rate of adsorption	Excellent	Good	Good	Poor	Good
Capacity for water at 25° C, 40% RH	High	High	Medium	High	Low
Separation by molecular sizes	Yes	No	No	No	No
Adsorptive capacity at elevated temperatures	Excellent	Poor	Poor	Good	Good

COMPARISON CHART

MATERIAL	ABSORPTION RATE	ABSORPTION CAPACITY BY WEIGHT	COST
Clay	Moderate	28%	Low
Silica Gel	Moderate	38%	Medium
Molecular Sieve	Fast	20%	High

SILICA GEL Pillow Paks:

PART NUMBER	GRAMS	DIMENSIONS (L x W INCHES)	QUANTITY	CONTAINER	WEIGHT (LBS)
01AA11A15	.25	1.0 x 0.625	30,000	10 Gal Drum	28
01AB11A15	.50	1.25 x 0.625	20,000	10 Gal Drum	34
01AC11A15	.75	1.219 x 0.625	15,000	10 Gal Drum	30
01AD11A15	1.0	1.5 x 0.875	10,000	10 Gal Drum	33
01AD11A12	1.0	1.5 x 0.875	1,000	1 Gal Drum	6
01AF11A15	1.5	1.75 x 0.875	9,000	10 Gal Drum	41
01AH11A15	2.0	1.844 x 0.906	6,000	10 Gal Drum	38
01AH11A12	2.0	1.844 x 0.906	600	1 Gal Drum	6
01AL11A15	3.0	2.313 x 0.906	5,000	10 Gal Drum	42
01AP11A15	5.0	2.875 x 0.968	3,000	10 Gal Drum	42
01AP11A12	5.0	2.875 x 0.968	300	1 Gal Drum	6
01AT11A15	7.0	2.5 x 1.375	2,000	10 Gal Drum	38
01AZ11A15	10	3.344 x 1.375	1,500	10 Gal Drum	43
01AZ11A12	10	3.344 x 1.375	150	1 Gal Drum	6
01BA11A15	12	3.5 x 1.5	1,250	10 Gal Drum	42
01BB11A15	14	3.85 x 1.5	1,200	10 Gal Drum	45

CLAY Pillow Paks:

PART NUMBER	GRAMS	DIMENSIONS (L x W INCHES)	QUANTITY	CONTAINER	WEIGHT (LBS)
01AA10A15	.25	1.0 x 0.625	30,000	10 Gal Drum	28
01AB10A15	.5	1.25 x 0.625	20,000	10 Gal Drum	34
01AC10A15	.75	1.219 x 0.625	15,000	10 Gal Drum	31
01AD10A15	1	1.5 x 0.875	10,000	10 Gal Drum	33
01AF10A15	1.5	1.75 x 0.875	9,000	10 Gal Drum	43
01AH10A15	2	1.844 x 0.906	6,000	10 Gal Drum	34
01AL10A15	3	2.313 x 0.906	5,000	10 Gal Drum	41
01AP10A15	5	2.875 x 0.968	3,000	10 Gal Drum	42
01AT10A15	7	2.5 x 1.375	2,000	10 Gal Drum	38
01AZ10A15	10	3.344 x 1.375	1,500	10 Gal Drum	43
01BA10A15	12	3.5 x 1.5	1,250	10 Gal Drum	42
01BB10A15	14	3.75 x 1.5	1,200	10 Gal Drum	45

MOLECULAR SIEVE Pillow Paks:

PART NUMBER	GRAMS	DIMENSIONS (L x W INCHES)	QUANTITY	CONTAINER	WEIGHT (LBS)
01AA12A15	.25	1.0 x 0.625	30,000	10 Gal Drum	24
01AB12A15	.50	1.25 x 0.625	20,000	10 Gal Drum	32
01AC12A15	.75	1.219 x 0.625	15,000	10 Gal Drum	28
01Ad12A15	1.0	1.5 x 0.875	10,000	10 Gal Drum	32
01AF12A15	1.5	1.75 x 0.875	9,000	10 Gal Drum	37
01AH12A15	2.0	1.844 x 0.906	6,000	10 Gal Drum	34
01AL12A15	3.0	2.313 x 0.906	5,000	10 Gal Drum	40
01AP12A15	5.0	2.875 x 0.968	3,000	10 Gal Drum	45
01AT12A15	7.0	2.5 x 1.375	2,000	10 Gal Drum	38
01AZ12A15	10	3.344 x 1.375	1,500	10 Gal Drum	41
01BA12A15	12	3.5 x 1.5	1,250	10 Gal Drum	41
01BB12A15	14	3.75 x 1.5	1,200	10 Gal Drum	45

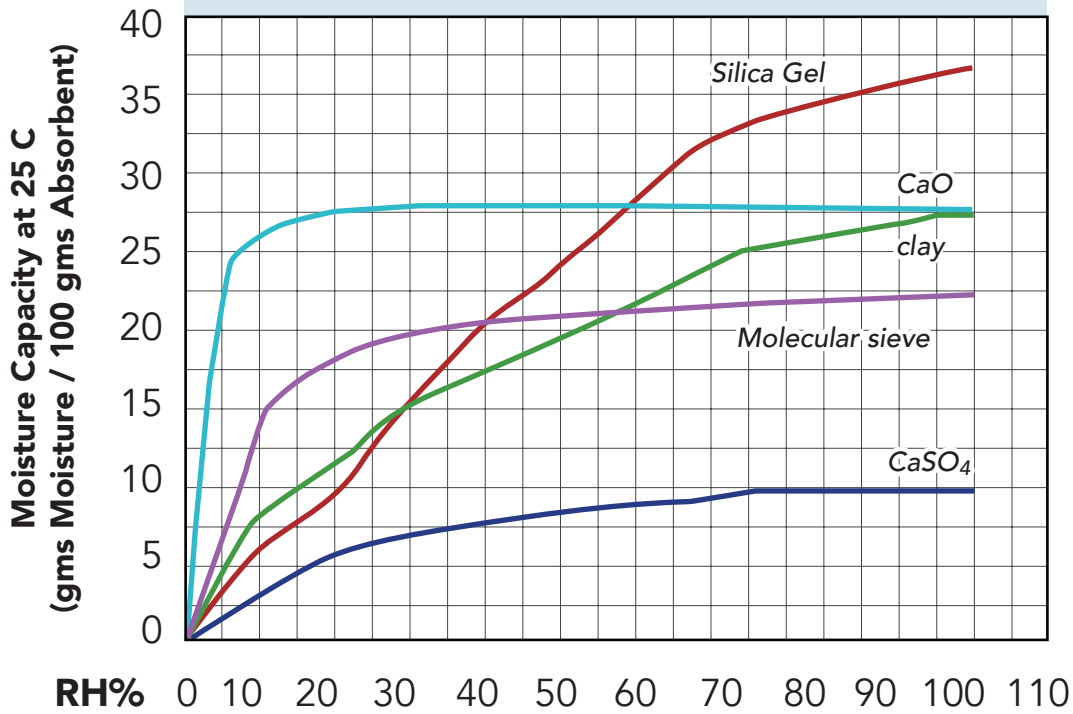
ACTIVATED CARBON Pillow Paks:

PART NUMBER	GRAMS	DIMENSIONS (L x W INCHES)	QUANTITY	CONTAINER	WEIGHT (LBS)
01AA13A19	.25	1.375 x .075	20,000	Carton	17
01AB13A19	.50	1.5 x 0.75	12,500	Carton	16
01AC13A19	.75	1.625 x 0.75	10,000	Carton	19
01AD13A19	1.0	1.875 x 0.875	8,000	Carton	25
01AF13A19	1.5	2.125 x 0.875	7,000	Carton	25
01AH13A19	2.0	2.344 x 1.031	5,000	Carton	24
01AP13A19	5.0	3.0 x 1.5	2,000	Carton	26

50/50 ACTIVATED CARBON / SILICA GEL Pillow Paks:

PART NUMBER	GRAMS	DIMENSIONS (L x W INCHES)	QUANTITY	CONTAINER	WEIGHT (LBS)
01AB16A19	.50	1.5 x 0.625	13,000	Carton	34
01AD16A19	1.0	1.875 x 0.875	10,000	Carton	33
01AH16A19	2.0	2.125 x 1	6,000	Carton	38
01AL16A19	3.0	2.469 x 1	4,000	Carton	35
01AP16A19	5.0	2.906 x 1.5	3,000	Carton	36

DESICCANT NOMINAL MOISTURE ADSORPTION CAPACITY



MOISTURE ADSORPTION RATE DESICCANT COMPARISON

