

Protect your goods against humidity

Desiccant clay bags

Brownell-Diatero desiccant bags provide protection against moisture for goods during transit or storage.

Packaged in bags, they are low dusty and easy to use. Standards, AFNOR NFH 00321 in France, MILD 3464 in the USA, DIN 55473 in Germany normalized sizes and performances for a rationalization of uses by defining Desiccant Units.

1 bag of 1 Unité according to the standard NFH 00321 has an absorption capacity of 100 grams of vapor moisture at 40% relative humidity and 23°C (equivalent to 16 Units according MILD 3464 and 16 Einheiten according DIN55473).



Code	Standard		Description		Adsorption capacity in grams of vapor moisture			Packing	
	NFH00321	MILD3464 DIN55473	Initial weight	Dimensions (mm)	20 %	40 %	80 %	Bags/Box	Bags/Pallet
L415	2 UD	32 Units	1 140 g	220 x 220	144	200	320	18	720
L1023	1 UD	16 Units	570 g	190 x 150	72	100	160	35	1 400
L1035	½ UD	8 Units	285 g	210 x 100	36	50	80	60	2 400
L1763	¼ UD	4 Units	142 g	160 x 100	18	25	40	120	4 800
L1050	1/8 UD	2 Units	71 g	135 x 100	9	12,5	20	200	8 000
L1060	1/16 UD	1 Unit	35 g	120 x 90	4,5	6,2	10	300	12 000
L1070	1/32 UD	½ Unit	18 g	110 x 90	2,2	3,1	5	500	20 000
L1865	1/50 UD	1/3 Unit	12 g	90 x 90	1,5	2	3,2	700	28 000
L1866	1/100 UD	1/6 Unit	6 g	90 x 40	0,7	1	1,6	1 500	60 000

Calculation

2 specific areas : Europe + North America (except southern states) temperate climate and OTHER (rest of world) more difficult climate.

Multiply the quantities given in the table below by square meter surface of the film used.

Storage and shipping duration	Polyethylene 20/100	Polyethylene 30/100	Film MIL B 131
3 months Europe	1,00 UD	0,50 UD	0,12 UD
3 months Other	1,00 UD	0,50 UD	0,24 to 0,35 UD
6 months Europe	1,25 UD	1,00 UD	0,12 UD
6 months Other	1,50 UD	1,00 UD	0,24 to 0,35 UD
1 year Europe	2,25 UD	1,50 UD	0,25 UD
1 year Other	3,00 UD	2,00 UD	0,50 to 0,75 UD
2 years Europe	Not recommended	Not recommended	0,50 UD
2 years Other	Not recommended	Not recommended	1,00 to 1,50 UD

For rigid packaging, use 2UD per cubic meter for 2 years of protection.

Option : Strings, Tyvek envelope, individual or grouped packaging, different fillings (Silica gel, molecular sieve...)