



Desiccant in Tyvek® Pouch



Desiccant in Kraft Pouch

Tyvek® Pouch	Item Number	Pouches per Container	Pouch Size			
			Width (in)	Length (in)	Width (mm)	Length (mm)
1/6 Unit	1/6PLDES1200	1200	2.125	2.125	54	54
1/3 Unit	1/3PLDES700	700	2.125	2.5	54	64
1/2 Unit	1/2PLDES550	550	2.125	2.875	54	73
1 Unit	1PLDES300	300	3.00	4.50	76	114
1 Unit	1PLDES1800	1800	3.00	4.50	76	114
2 Unit	2PLDES150	150	5.00	4.50	127	114
4 Unit	4PLDES500	500	5.00	6.250	127	159
8 Unit	8PLDES300	300	4.50	8.50	114	216
16 Unit	16PLDES150	150	4.50	11.00	114	279

Kraft Pouch	Item Number	Pouches per Container	Pouch Size			
			Width (in)	Length (in)	Width (mm)	Length (mm)
1/2 Unit	1/2KDES550	550	2.375	3.50	60	89

RoHS 3, REACH and Conflict Minerals Statement

None of the RoHS 3 restricted materials, or REACH substances of very high concern as of 2017/07/07, or Toxic in Packaging substances are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See [SCS Warranty, Limitation of Liability and Remedies](#)

Made in North America.

Specifications and procedures subject to change without notice.



Description

This efficient desiccant begins working by absorbing airborne moisture left inside the bag when you've finished vacuum packaging, capturing moisture that manages to pass through the bag material. Secured in a strong pouch of either clean room grade, sulphur-free, non-woven Tyvek® or economical kraft paper, desiccant helps keep your devices dry, even through unexpected shipping delays or longer than anticipated storage time.

Specifications

Properties

Pouch
Unit Sizes
Media
Packaging

Typical Values

Non-Woven Tyvek® or Kraft Paper
1/6, 1/3, 1/2, 1, 2, 4, 8, 16
Montmorillonite Clay
Air-tight pails or drums

The recommended amount of desiccant is dependent on the interior surface area of the bag to be used. Below is a reference table indicating recommended minimum amounts of desiccant that should be used with [Moisture Barrier Bags](#). Note: number units rounded up.

As packaged SCS Desiccant in Tyvek® and Kraft pouches meets MIL-D-3464, Type I and II and is on the QPL (Qualified Product List).

INTERIOR BAG SURFACE AREA*	NUMBER OF DESICCANT UNITS		
	**MIH <20%	MIH <30%	MIH < 40%
100 sq. in.	1.5	1.0	1.0
130 sq. in.	2.0	1.5	1.0
160 sq. in.	2.0	1.5	1.5
200 sq. in.	2.5	2.0	1.5
240 sq. in.	3.0	2.0	1.5
290 sq. in.	4.0	2.5	2.0
340 sq. in.	4.5	3.0	2.5
390 sq. in.	5.0	3.5	2.5
450 sq. in.	5.5	4.0	3.0
510 sq. in.	6.5	4.5	3.5
580 sq. in.	7.5	5.0	4.0
650 sq. in.	8.0	5.5	4.0
720 sq. in.	9.0	6.0	4.5

Table for recommended desiccant usage. Information taken out of EIA-583, Table 1, Page 8.

*To measure interior bag surface area, multiply length x width x 2

**MIH = Maximum Interior Humidity (%)

DESICCANT - TYVEK® OR KRAFT PAPER POUCH

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DRAWING NUMBER
DESICCANT

DATE
September 2017

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

SCS:

[1/2KDES550](#) [1/3PLDES700](#) [4PLDES500](#) [8PLDES300](#) [1/6PLDES1200](#) [2PLDES150](#) [1/2PLDES550](#)