



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Tyvek®



Kraft Paper

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

Tyvek® Pouch	Item Number	Pouches per Container	Pouch Size			
			Width (in)	Length (in)	Width (mm)	Length (mm)
1/6 Unit	<a href="#">1/6PLDES1200</a>	1200	2.125	2.125	54	54
1/3 Unit	<a href="#">1/3PLDES700</a>	700	2.125	2.5	54	64
1/2 Unit	<a href="#">1/2PLDES550</a>	550	2.125	2.875	54	73
1 Unit	<a href="#">1PLDES300</a>	300	3.00	4.50	76	114
1 Unit	<a href="#">1PLDES1800</a>	1800	3.00	4.50	76	114
2 Unit	<a href="#">2PLDES150</a>	150	5.00	4.50	127	114
4 Unit	<a href="#">4PLDES500</a>	500	5.00	6.250	127	159
8 Unit	<a href="#">8PLDES300</a>	300	4.50	8.50	114	216
16 Unit	<a href="#">16PLDES150</a>	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	<a href="#">1/2KDES550</a>	550	2.375	3.50	60	89

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 (%)

Made in North America.

Specifications and procedures subject to change without notice.

## DESICCANT - TYVEK® OR KRAFT PAPER

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**DRAWING NUMBER**  
DESICCANT

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