

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 | 1/6PLDES1200C | 1200 | 1.125 | 2.5 | 29 | 64 |
| 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 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH ( Registration, Evaluation and Authorization of Chemicals) substances of very high concern as of 2020/06/25, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2015/863/EU and Regulation (EC) No. 1907/2006/CE.

## 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 | Typical Values |
|---|---|
| Pouch | Non-Woven Tyvek® or Kraft Paper |
| Unit Sizes | 1/6, 1/3, 1/2, 1, 2, 4, 8, 16 |
| Media | Montmorillonite Clay |
| Packaging | 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 (%)

Made in North America.

Specifications and procedures subject to change without notice.

**DESICCANT - TYVEK® OR KRAFT PAPER POUCH**

SCS

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| DRAWING NUMBER | DATE |
|---|---|
| DESICCANT | May 2022 |

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