



# VAPLOK™ Desiccants



Advantek VAPLOK™ Desiccants protect moisture-sensitive devices by absorbing airborne moisture particles which may be present inside a moisture barrier bag after vacuum packaging.

- Meets EIA Std. 583 and MIL-D-3464, Type I and II.
- Use with Advantek Humidity Indicator cards and DRYLOK® Moisture Barrier Bags for superior protection
- Desiccant material can be either Clay or Silica Gel

### Construction

VAPLOK™ Desiccants are made of Montmorillonite (bentonite) Clay or Silica Gel desiccant material packaged in printed, non-dusting, sulphur-free Tyvek® substrates.

### Configurations

Advantek VAPLOK™ Desiccants are available in several formats designed for small and large applications. Bag sizes vary from 1/3 unit packs to 8 unit packs. A unit of desiccant (33 grams) refers to its drying capacity, not its volume, and is the amount of desiccant which will absorb at least 3 grams of water vapor at 20% relative humidity and at least 6 grams of water vapor at 40% RH at 77F (25C). The product is shipped in airtight packaging to prevent exposure to moisture.

### Absorption rate at 10% RH, 77°F (25°C)

Clay = 2.8g  
Silica Gel = 1.99g

### Shelf Life and Storage

We recommend that VAPLOK™ desiccant products be used within 12 months of manufacture. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 20°C +/- 16°C (68°F +/- 61°F) and relative humidity is 50% +/- 30%. Exceeding these recommended storage conditions could result in inconsistent product performance.

### Clay/Tyvek®

Bag Size	Bags Per Container	Part Number
1/6 Unit	1200	DES1/6P
1/3 Unit	700	DES1/3P
1/2 Unit	550	DES1/2P
1 Unit	300	DES1P
2 Unit	150	DES2P
2 Unit	800	DES2D
4 Unit	500	DES4D

### Silica Gel/Tyvek®

Bag Size	Bags Per Container	Part Number
1 Unit	300	SIG1P
2 Unit	150	SIG2P

Note:  
P = Pail  
D = Drum



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Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated		Pressure Sensitive			
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK®		STATLOK®			
Bands	PROBAND®		LOKBAND®			
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured		Non UV Cured			

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