



# Humidity Indicator Cards



Humidity Indicator Cards (HICs) provide a low-cost method of indicating humidity conditions inside a moisture barrier bag after vacuum packaging. The indicator spots on the HICs change color from blue to pink as humidity increases and from pink to blue as humidity decreases. Our HICs:

- Meet MIL-I-8835 and MIL-P-116 MTH II and JEDEC Standards
- Cobalt Dichloride Free versions available that comply with ECB REACH directives
- Offer superior protection, especially when used with Advantek VAPLOK™ Desiccants and DRYLOK® Moisture Barrier Bags

### Construction

Humidity Indicator Cards are constructed of a moisture-sensitive blotting paper.

### Configurations

Advantek offers several versions of Humidity Indicator Cards. The number of indicator spots on the HIC varies, depending upon the range of humidity to be measured. The product is shipped in airtight tins to prevent exposure to moisture.

### Shelf Life and Storage

Depending on the product, HICs are recommended for use within 24 months of manufacture. They should be stored in the 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.

Part Number	Indicating Spots	Percentage Levels	Qty Per Package
DES3S DES3S-CDF DES3S-CF	3 Spots	10%, 20%, 30%	125
DES3S-A DES3S-A-CDF	3 Spots	30%, 40%, 50%	125
DES3S-B DES3S-B-CDF DES3S-B-CF	3 Spots	5%, 10%, 15% (J-STD-033)	125
DES3S-C DES3S-CDF DES3S-CF	3 Spots	20%, 30%, 40%	125
DES3S-D DES3S-D-CDF DES3S-D-CDF-BAG DES3S-D-CF	3 Spot	5%, 10%, 60% (J-STD-033B)	125
DES4S DES4S-CDF	4 Spot	10%, 20%, 30%, 40%	100
DES6S DES6S-CDF DES6S-CF	6 Spot	10%, 20%, 30%, 40%, 50%, 60%	200

"-CDF" = Cobalt Dichloride Free  
"-CF" = Cobalt Free

Note: Values presented are typical laboratory data and may be changed without notice.

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Our wide line of component packaging products offers the flexibility you need to balance price and performance.



**ADVANTEK**  
engineered confidence™

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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