



# Humidity Indicator Cards and Desiccant: Product Selection Guide

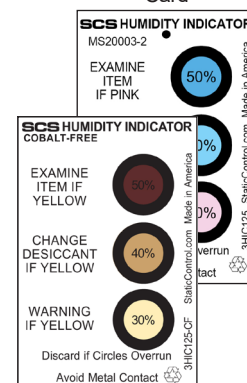
SCS Humidity Indicator Cards (HIC) are printed with moisture sensitive spots which change color from blue to pink when exposed to a relative humidity level. The HIC is typically used with Desiccant inside a Moisture Barrier Bag to protect static and moisture sensitive components noting the highest relative humidity level exposure. SCS manufactures [Moisture Barrier Bags](#) with different laminates having different moisture vapor transmission rates. SCS Dri-Shield® bags are designed to be used with Desiccant and an HIC for packaging surface mount devices (SMD) trays and reels. The bags are sealed, including being vacuum sealed, containing the SMD or other content along with the Desiccant and selected HIC. The HIC will note the highest relative humidity exposure, so the user can determine if baking the devices is required. SCS recommends the user follow procedures defined in IPC/JEDEC J-STD-033. SCS manufactures MBB and HIC products in Sanford, North Carolina.

SCS Desiccant pouches absorb moisture that passes through the bag laminate. Desiccant is packed inside Tyvek® white non-woven plastic or brown kraft paper pouches, and is shipped in sealed pails or drums. The amount of desiccant to use is dependent on the interior surface area of the bag; see [EIA-583, Table 1](#), SCS Desiccant is manufactured in North America.

## Humidity Indicator Cards

Item Number	Size	Number of Spots	Relativity Humidity Levels	Quantity per Metal Can
<a href="#">51060HIC125</a>	2" x 3"	3	5/10/60	125
<a href="#">51015HIC125</a>	2" x 3"	3	5/10/15	125
<a href="#">3HIC125</a>	2" x 3"	3	30/40/50	125
<a href="#">4HIC100</a>	3" x 2"	4	10/20/30/40	100
<a href="#">6HIC200</a>	1 9/16" x 4 3/4"	6	10/20/30/40/50/60	200
<a href="#">3HIC125-CF</a>	2" x 3"	3	30/40/50	125
<a href="#">51015HIC125-CF</a>	2" x 3"	3	5/10/15	125
<a href="#">51060HIC125-CF</a>	2" x 3"	3	5/10/60	125
<a href="#">6HIC200-CF</a>	1 9/16" x 4 3/4"	6	10/20/30/40/50/60	200

Humidity Indicator Card



Cobalt-Free Humidity Indicator Card

## Desiccant in White Non-Woven Tyvek® Pouch

Item Number	Size	Pouch	Pouches per Container
<a href="#">1/6PLDES1200</a>	2.125" x 2.125"	1/6 Unit	1200
<a href="#">1/3PLDES700</a>	2.125" x 2.5"	1/3 Unit	700
<a href="#">1/2PLDES550</a>	2.125" x 2.875"	1/2 Unit	550
<a href="#">1PLDES300</a>	3" x 4.5"	1 Unit	300
<a href="#">1PLDES1800</a>	3" x 4.5"	1 Unit	1800
<a href="#">2PLDES150</a>	5" x 4.5"	2 Unit	150
<a href="#">2PLDES800</a>	5" x 4.5"	2 Unit	800
<a href="#">4PLDES500</a>	5" x 6.25"	4 Unit	500
<a href="#">8PLDES300</a>	4.5" x 8.5"	8 Unit	300
<a href="#">16PLDES150</a>	4.5" x 11"	16 Unit	150

## Desiccant in Brown Kraft Paper Pouch

Item Number	Size	Pouch	Pouches per Container
<a href="#">1/2KDES550</a>	2.375" x 3.5"	1/2 Unit	550



Desiccant in Tyvek® Pouch



Desiccant in Kraft Pouch

### 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](#)



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SCS:

1PLDES300