

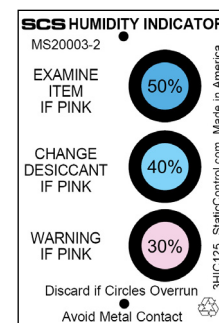
Humidity Indicator Cards and Desiccant: Product Selection Guide

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 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
51060HIC125	2" x 3"	3	5/10/60	125
51015HIC125	2" x 3"	3	5/10/15	125
3HIC125	2" x 3"	3	30/40/50	125
4HIC100	3" x 2"	4	10/20/30/40	100
6HIC200	1 9/16" x 4 3/4"	6	10/20/30/40/50/60	200



Desiccant in White Non-Woven Tyvek® Pouch

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

Desiccant in Brown Kraft Paper Pouch

Item Number	Size	Pouch	Pouches per Container
1/2KDES550	2.375" x 3.5"	1/2 Unit	550



Tyvek® Desiccant Pouch



Kraft Desiccant Pouch

