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MOISTURE FREE PACKAGING

**Stream Peak
International Pte Ltd**



FOR ELECTRONICS

- Manufacturer of Desiccants Packs
- Humidity Indicator Cards, Barrier Bags

2011 Edition

Our Facilities



Established in 1976, Stream Peak International Private Limited is the largest desiccant converter in Singapore. With extended experience gained from various industries, Stream Peak offers our customers best practices in applications of protective packaging thru a comprehensive product lines.

The superior performance of our packaging materials enable them to effectively protect products against damaging elements like moisture, gases, temperature and impact, during transit and storage.

Unit Paks

Desiccare's Unit Paks meets or exceed MIL Spec 3464, Type 1 and 2

Sizes Available: 1/6, 1/3, 1/2, 1, 2, 4, 6, 8, 16 or 80 units.

Sachet Material: Tyvek (FDA Approved), Heatlon, Paper and Cloth Sewn Bags.

Packing: In 12.5 liters tins or 115 liters drums.



Pillow Paks

Desiccare's Pillow Paks line consists of a wide variety of sizes and configurations.

Sizes Available: 1/4, 3/4, 1/2, 1, 2, 4, 5, 7, 10, 12 or 14 grams.
Available in continuous strips forms

Sachet Material: Tyvek (FDA Approved), Heatlon, Plastic
Packing: In 12.5 liters tins



Humi Dri

Stream Peak's label for myriads of combination of desiccants infill's, substrates and weighted sachets.

Sizes Available: 05gm to 2kg.

Sachet Material: Tyvek (FDA Approved), Heatlon, Plastic, Sewn cloth, Paper, Reinforced Paper.

Packing: In 12.5 liters tins



DESICCANTS TYPES

Silica Gel

Silica gel is a granular, porous form of silica made synthetically from sodium silicate. As a desiccant, it has an average pore size of 2.4 nanometers and has a strong affinity for water molecules. It works well in high humidity and temperature ambient absorbing up to 35% of its own weight

Molecular Sieve

Molecular sieve is a synthetic material containing tiny pores of a precise and uniform size that is used as an adsorbent for gases and liquids. Molecular sieve can adsorb water up to 22% of its own weight.

Bentonite Clay

Bentonite clay is a naturally occurring absorbent, essentially compost mostly of montmorillonite. It is an economical desiccant that works well in low humidity and temperature.

Our Services

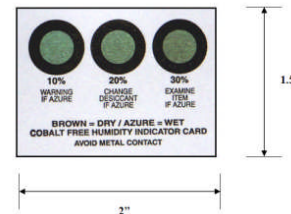
We can recommend the type of desiccants, substrates and size to use based on your product packaging and standards for compliances.

Substrates



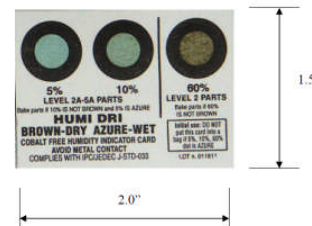
Impregnated with a moisture-sensitive chemical, a Humidity Indicator Card (HIC) will change color when the indicated relative humidity is exceeded. This is an inexpensive method to quantify relative humidity levels inside sealed packaging.

Stream Peak distributes Desiccare (USA) HIC in the Asia Pacific Region. We offer HIC in two favors, Cobalt Free or Cobalt Chloride Free types.



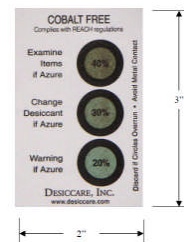
HIC Cobalt Free 10-20-30%

Size: 2 X 1.5"
Packing: 125pc/Pint Can
Standards: Meets MIL-I-8835



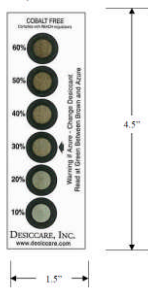
HIC Cobalt Free 5-10-60% (Mini)

Size: 2 X 1.5"
Packing: 300pc/Pint Can
Standards: Meets MIL-I-8835



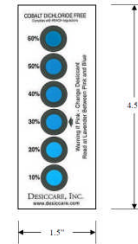
HIC Cobalt Free 20-30-40%

Size: 3 x 2"
Packing: 125pc/Pint Can
Standards: Meets MIL-I-8835



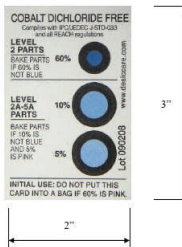
HIC Cobalt Free 10-60%

Size: 4.5 x 1.5"
 Packing: 200pc/Quart Can
 Standards: Meets requirements of MIL-I-8835



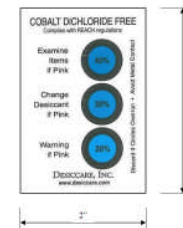
HIC Cobalt Dichloride Free 10-60%

Size: 4.5 x 1.5"
 Packing: 200pc/Quart Can
 Standards: Meets requirements of MIL-I-8835



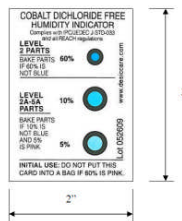
HIC Cobalt Dichloride Free 5-10-60%

Size: 3 x 2"
 Packing: 125pc/Pint Can
 Standards: JEDEC requirement (JSTD-033B, +/- 2% accuracy level)
 Meets requirements of MIL-I-8835



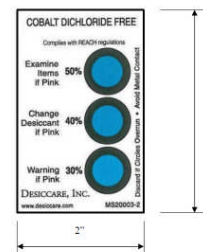
HIC Cobalt Dichloride Free 20-30-40%

Size: 3 x 2"
 Packing: 125pc/Pint Can
 Standards: Meets requirements of MIL-I-8835 and MS 234



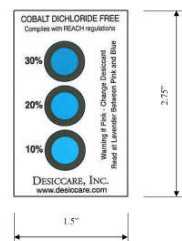
HIC Cobalt Dichloride Free 5-10-60% Small Dots

Size: 3 x 2"
 Packing: 125pc/Pint Can
 Standards: JEDEC requirement (JSTD-033B, +/- 2% accuracy level)
 Meets requirements of MIL-I-8835



HIC Cobalt Dichloride Free 30-40-50%

Size: 3 x 2"
 Packing: 125pc/Pint Can
 Standards: Meets requirements of MIL-I-8835 and MS 20003-2



HIC Cobalt Dichloride Free 10-20-30%

Size: 2.75 x 1.5"
 Packing: 125pc/Pint Can
 Standards: Meets requirements of MIL-I-8835