DRY-AIR™
Container Desiccant

MOISTURE ABSORBER

An ISO 9001 - 2008 Certified Company



Prevent your shipments from moisture and condensation damages

ADVANTAGES OF DRY AIR DESICCANTS

Dry Air Desiccants are specially designed and formulated with food grade ingredients for shipping containers, which is based on calcium chloride, have a vigorous absorption over a large temperature range. Only calcium chloride absorbers, such as Dry Air desiccant, that sequester the absorbed moisture to keep it from contact with the air are free of this problem. The absorption capacity of the Dry Air desiccants is 8 to 10 times more than the silica gel. Dry Air Desiccant will absorb the moisture and will hold inside the packets in the form of a thick gel which will not return the moisture to the air at even high temperatures at the time of sea voyage.

The Dry Air Desiccants are well packed in the special material called Tyvek which is a best Product from DUPONT and with PP spun bond nonwoven. The absorbed moisture will be stacked inside the Dry Air Packets which will not be let off due to the nature of the Tyvek and having a high surface contact with air. Also the installation of the desiccants is very simple as just simply hang on the side of the inside container walls with its secure hook. This can be disposed as a normal waste after

Prevent your Exports from Condensation







Features :

- Prevent moisture , container sweat , container rain while sea Transport
- Inhibits the formation of mold mildew ,fungus, rots ,rust, Corrosion etc..
- Absorption capacity upto 200% of its own weight.
- Low expenses then silica Gel
- Long Last upto 6 months
- Dual Layer - Dupont Tyvek and PP Spunbond Packed.
- Odor free.
- Leak Proof ,no spills or lose chemicals
- DMF free
- SGS certified
- Meets European REACH standards
- Broad application temperature range from -5°C — 90°C

Area of Applications

Agriculture
Coffee, tea, tobacco, rice, flour, starch, ginger, cashew nuts, graound nuts, betel nuts, cocoa, copra, vegetables, fruits, etc..

Metal products
Sheets, coils, machinery, auto spare parts, aluminum billets, copper products,etc..

Wood products
Furniture, mouldings, timber, wood pulp, paper products, etc..

Electrical goods
Appliances, cables, toys, etc..

Leather goods
Footwear, bags, garments, furniture, etc..

And all other hygroscopic goods and polytheist goods which are exporting through marine transport.

Specially for Hygroscopic Shipments

For use in shipments like Coffee, Spices, Dried Fruits, Ground nuts, Chilles,Pulses, Rice, Wheat, Wooden handicrafts, Machineries, Castings, Glass Packing and Exports and all type of Containerized Goods and Shipments. Some Expenditure on desiccants can save you lot in Export Damage claims due to moisture related problems.

Recommended Usage of Dry Air Desiccants:

Normally the acurrate calculation for requirement of the Desiccant is difficult, because of the various factors like climatic conditions, hygroscopicity of stuffing goods, Transit duration, climatic and temperature variations while sailing in sea etc. But normally we recommend 2 - 4 kgs for a 20 foot Container Dry Cargo with Moisture content of the goods less than 10% and transit time 10 Days. If moisture content is more than 10 % we recommend 6- 10 kgs. You can also increase or decrease of the quantity of desiccants as per your needs. Using more number of desiccants will give a good protection from condensation.

Safe, Non Toxic, DMF free

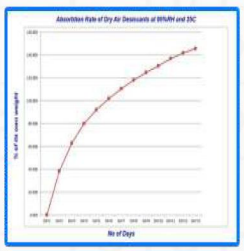
Container Desiccants prevents the condensation by reducing humidity inside the Shipping Containers through continuously adsorbing the moisture from the enclosed air. Safe transit of your export goods until it reach the destination.

ABSORBTION CAPACITY 150% TO 200%



Dual Layer Packed

Dry Air Desiccants are packed with dual layer packing with only air permeable Tyvek paper and PP spunbond. The tyvek has a property to pass through only air and not water or dust particles or ingriedients and tyvek is an fda approved food contact substances.



Comparision with Silica gel

10 times more absorbtion than silicagel .Surface contact with air is high.Low expenses per container than silica gel







SGS RoHS REACH DMF-Free