

The Pensteel Range of IBC Accessories – Vent Driers

Desiccant IBC Breathers & Absorption Cartridges

Moisture and other contaminants seriously affect many fluids and semi fluids. Most of the materials which are affected are stored in tanks or IBCs, which are either located in the open and vented to atmosphere, or can be located within process areas and can be affected by other materials used in the same area.



Wall mounted large capacity vent drier the condition of the desiccant can be viewed through a polycarbonate window



IBC Breathable Vents

The ingress of these contaminants occurs whenever material is drawn into the IBC. The vast majority of UN approved IBC's have some sort of venting method to allow thermal breathing caused by changes in ambient temperature. Moisture, in the form of water vapour, is the prime source of contamination and will cause simple dilution of acids, an increase in the corrosivity of oils and other fluids, fungal or biological activity in materials



Available in a range of different desiccant types, Silica Gel and activated Clay, sizes vary from 0.5g to 2.5KG or 1 to 16 units.

such as glycerol, or the lowering of electrical resistance of transformer oils and similar materials

The selective use of desiccants such as silica gel enables Pensteel to offer a high level of protection to a wide range of materials.

Typical materials which can readily protected include: - Acetic Acid, Arklone, Brake fluid, Ethanolamine, Genklene, Glycerol, Perklone, Polyalcohols, Polythers, Sulphuric Acid, Transformer Oils, Trichlorethyene, Triklone, etc

Typical absorbents used are - Silica Gel, Activated Alumina, Activated Carbon and Soda Lime.