

DATA SHEET

Desiccant Packets

SORB-IT®



Overview

SORB-IT® silica gel desiccants are a synthetic material made of highly porous amorphous silicon oxide. SORB-IT® binds water molecules in random intersection channels of various diameters and remains dry and free flowing, even after fully saturated with water vapor. SORB-IT®'s adsorption capacity is relatively small at low humidity levels but increases as humidity rises. At high humidity levels, SORB-IT® adsorbs moisture much faster than desiccant clay. Sorb-It®'s adsorption capacity as a function of temperature decreases slightly at constant relative humidity between 20°C and 50°C.

SORB-IT® desiccant packets contain branded grade **Silica gel** beads and find their end use in protecting goods from moisture in a pharmaceutical, diagnostic, food and electronic environment. Clariant Cargo and Device Protection (CDP) offers a standard range, packed safely in cartons. For special end use packets can be filled alternatively with bentonite clay or active carbon to protect goods from odor or/and moisture.

Usage

The packet is part of the final product packaging and enables the end user in a flexible way to protect goods by different packaging methods especially at small sizes.

Standard program

Packets are available in standard sizes from a certain minimum order quantity. Special types are linked to larger projects and might be customized.

Material No.	Weight/ g	Dimension/ mm	Packaging
32811627656	0,5	16 x 33	12.000/ alupouch / carton
32811527656	1,0	22 x 38	8.000/ alupouch / carton
32811727656	2,0	22 x 54	4.500/ alupouch / carton
32811827656	3,0	27 x 52	3.500/ alupouch / carton
32811927656	5,0	27 x 70	2.200/ alupouch / carton
25955627656	10,0	47 x 80	1.000/ PE/ carton

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