

BD125X16/2

Chemical Indicator

Bowie & Dick Test Pack



Usage

Bowie & Dick test detects inadequate air removal and steam penetration in vacuum-assisted Steam sterilizers. Cycles of 16.9 minutes at 121 °C.

Applicable Regulation

ISO 11140-1:2014 and ISO 11140-4:2007

Product Classification

Class 1, according to risk.

Authorization

Designed under Quality Management System standards ISO 13485:2003/NS-EN ISO 13485:2012.

Characteristics

Type 2 Chemical Indicator

Initial Color: **yellow**

Final Color: **dark brown/black** (should change homogeneously in the whole sheet)

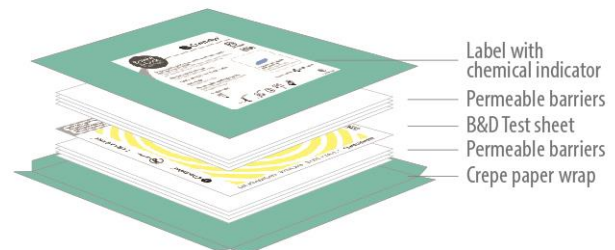
Size: 16 mm x 125 mm x 125 mm

Assembly: 19 permeable barriers - 1 Glassine paper - 1 B&D Test Sheet - 19 permeable barriers. Wrapped with *crepe* paper.

Permeable barriers: 200 g/m².

B&D Test Sheet: 240 g/m².

Weight per unit: 168 g.



NOTE:

Air removal or steam quality problems will be shown as heterogeneous color change into dark brown/black on the test sheet, such as lighter areas in the center or a non-uniform color change.

100 % Lead Free



Environmental conditions during manufacture

15-30 °C (room temperature), RH 30-80 %.

Storage conditions

T = 10-30 °C, RH 30-80 %, store in dark place.

Transportation conditions

Storage conditions should be strictly followed. Transport in closed and reinforced boxes in order to avoid damages. Transportation of this product does not represent a risk for health.

Shelf-life

5 years

Packing

20 units per box. Weight per box: 3270 g

Packing information: product code and description, process for intended use, classification according to regulation, manufacturer information and data on label.

Labelling

On product: label printed with Type 1 indicator ink, turns from blue to dark grey/black. Not exposed: blue, exposed: dark grey/black. Product code and description, process for intended use, classification according to regulation, batch number and expiration date.

On product's box: Product code and description, process for intended use, classification according to regulation, batch number and expiration date.

Possible target markets

Healthcare, Food, Pharmaceutical and Medical Industries.

Other important information (optional)

Read product's directions for use thoroughly before use.

Note: When necessary, limits for each product's parameters should be specified.

Description of identified and/or predictable risks which could represent a risk for the product

Do not store the product near sterilizing agents.

Do not expose this product to EO, Dry Heat or any sterilization process other than Steam.

Do not use a Bowie & Dick Test Pack in gravity displacement steam sterilization cycles (where there is no pre-vacuum phase to check) or any kind of sterilization processes other than vacuum-assisted Steam.

Do not reuse the sterilizer until the chemical indicator has changed homogeneously into the color indicated in the product.