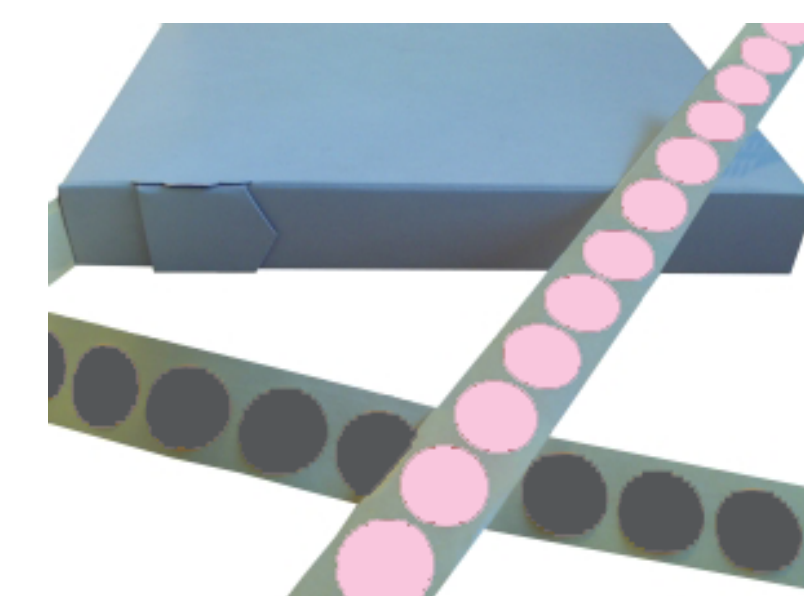


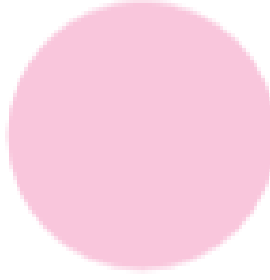
GAMMATEX™

Chemical Sterilisation Indicators

Technical Data Sheet : Product Code: 12STEAM

- Chemical Process Indicators (CPIs)
- For Monitoring Steam Sterilisation Processes
- ISO 11140-1 TYPE 1



Product Code	Packing Specification	Unexposed	Exposed to dry steam for 10 minutes at 121°C, or 3 minutes at 134°C
12STEAM	12mm plain dots (unprinted) Supplied in rolls of 5,000 labels Supplied in cardboard dispenser carton		

The colour change achieved from exposure to STEAM may vary from the example above due to differences in processing parameters (i.e. dosage level, plant load content, process cycle timings) For a Type 1 Process indicator, a color change to a shade of Black after exposure is deemed acceptable.

Product Description:

12STEAM Gammatex Steam Chemical Process Indicator labels are self adhesive labels that undergo a simple colour change when exposed to Dry Steam sterilisation process. The labels undergo a clear and distinct colour change from pink to black when activated. Gammatex Steam Chemical Process Indicator labels can be used as process indicators to easily identify processed and unprocessed products and are designed to be qualitative indicators and not quantitative dosimeters for the Dry Steam sterilisation process. Processed labels may be retained as part of the quality control record for validation purposes. Gammatex Steam Chemical Process Indicator labels contain no lead or other toxic heavy metals and only use latex-free pressure sensitive adhesive.

Supply unit:

12STEAM Gammatex Steam Chemical Process Indicator labels are available in standard reel sizes of 5,000 labels and packed in dispenser cartons. Although the reel size can be tailored to individual requirements - please contact us for more details.

Application:

Gammatex Steam Chemical Process Indicator labels should be removed from the backing paper and applied to a clean, dry patch of the article to be processed with the coloured surface uppermost. The label should be subject to the full process cycle. When processing conditions vary then a representative number of labels should be applied. The label should not be used for more than one processing cycle

Shelf life and storage:

The shelf life of 18 months is recommended for both unprocessed and processed labels provided they are stored in ambient conditions below 20°C and 50% R.H. and away from direct sunlight. Unprocessed labels may be experience colour changes at elevated temperatures or under high humidity conditions.

Disposal:

Gammatex Steam Chemical Process Indicator labels may be disposed of using customary practice for non-hazardous materials. No special precautions are required. Please follow any relevant environmental legislation.

The data contained in this application is based upon careful investigations and is intended for guidance only. Users are advised to carry out their own tests as to the suitability of the products for a particular use. Gammatex do not accept responsibility for uses of its products that are not under its control.