



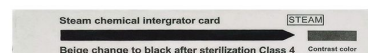
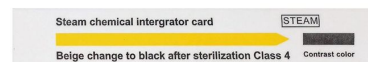
Class 4 Steam Indicator Strip

Inside Every Pack. Every Cycle. · SKU KD-IS-ST4

Type 4 multi-variable chemical indicator strip for steam sterilization. Placed inside every pack, it responds to steam, time and temperature and changes from yellow to black when the critical parameters are reached.

Class 4 steam indicator strips are placed inside each pack, tray or container to confirm that the sterilant reached the contents. The indicator ink monitors all critical steam sterilization parameters — steam, time and temperature — and changes from yellow to black when the stated values are achieved.

The strip guards against incomplete steam penetration, the presence of non-condensable gases or excess air, and inadequate temperature or exposure time. A pre-printed reference colour allows rapid, unambiguous interpretation, and the indicator dot at the distal end permits a secure sterile presentation.



Specifications

Product Name	Class 4 / Type 4 Chemical Steam Indicator Strip
Indicator Type	ISO 11140-1 Type 4 multi-variable indicator
Strip Size	15 mm × 85 mm
Packing	200 strips per box
Sterilization Method	Saturated steam — 121 °C / 20 min or 134 °C / 4 min
Variables Monitored	Steam, time and temperature
Colour Change	Yellow → black (reference colour printed on strip)
Ink Characteristics	Lead-free, non-toxic, non-bleeding; no migration into the pack
Compliance	ISO 11140-1 Type 4, manufactured under ISO 13485; CE
Shelf Life	3 years from date of manufacture
Storage Conditions	Store at 15–30 °C, < 60 % RH, away from sterilants and direct light

Features

Multi-variable (Type 4) · Yellow → black · Reference colour printed · Non-bleeding ink · Pack control

How to use

- Place one strip inside each pack, in the area most difficult for steam to reach (usually the centre).
- Sterilize at 121 °C for 20 minutes or 134 °C for 4 minutes.
- At the point of use, open the pack and compare the strip with the printed reference colour. Do not use the contents if the colour change is incomplete.

Applications

Hospital CSSDs, surgical instrument packs, dental clinics, veterinary hospitals, biological laboratories and mushroom / substrate sterilization.

Packaging & shipping



Strip size	Packing	Boxes / carton	Carton size (mm)
15 × 85 mm	200 strips/box	100	400 × 300 × 250

Compliance

ISO 13485, ISO 11140, CE. Manufactured under an ISO 13485 quality management system. Certificates and test reports available on request.

FAQ

Where should the strip be placed inside the pack?

In the geometric centre of the pack or in the location hardest for steam to reach, such as the middle of a folded linen pack or the bottom of a dense instrument tray.

What is the difference between a Type 4 and a Type 5 indicator?

A Type 4 indicator reacts to two or more critical variables. A Type 5 integrating indicator reacts to all critical variables and its performance is correlated to a biological indicator, making it the most demanding chemical indicator for pack control.

Request a quotation: <https://kangdemed.com/request-quote?product=class-4-steam-indicator-strip> · Jason.wangxiaokang@gmail.com · WhatsApp +86 199 5663 5178