



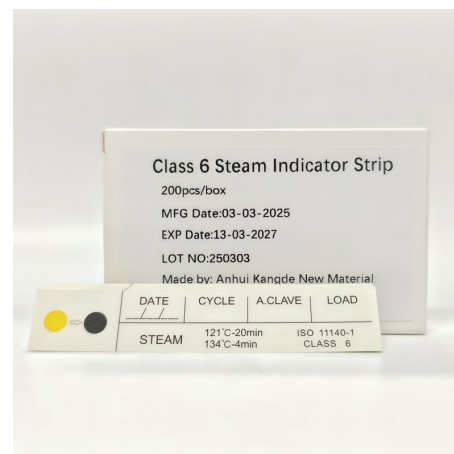
Class 6 Emulating Indicator Strip

Cycle-Specific Verification. · SKU KD-IS-ST6

Type 6 emulating indicator designed for a specific steam cycle (e.g. 134 °C / 3.5 min or 121 °C / 15 min). Changes to black only when all critical variables of that cycle are met; custom cycle designs available from 90–140 °C.

Class 6 emulating indicators are designed to react only when the specific critical variables of a defined sterilization cycle have been achieved — for example 134 °C for 3.5 minutes or 121 °C for 15 minutes. When placed with the items to be sterilized they undergo a distinct, visible change to black that provides immediate confirmation that the intended cycle occurred.

Kangde Med can design Class 6 indicators for cycles between 90 °C and 140 °C with exposure times from 30 seconds to 60 minutes, in strip, label or tape formats. They are routinely used in healthcare facilities and laboratories where cycle-specific verification is required, and complement biological indicators, which validate lethality over a longer incubation period.



Specifications

Product Name	Class 6 / Type 6 Chemical Steam Emulating Indicator Strip
Indicator Type	ISO 11140-1 Type 6 emulating indicator
Standard Cycles	121 °C / 15 min · 134 °C / 3.5 min (other cycles on request)
Custom Design Range	Temperature 90–140 °C; exposure time 30 s – 60 min
Strip Size	15 mm × 85 mm (labels and tapes available)
Packing	200 strips per box
Variables Monitored	Time, temperature and steam for the specified cycle
Colour Change	Yellow → black
Compliance	ISO 11140-1 Type 6, manufactured under ISO 13485; CE
Shelf Life	3 years from date of manufacture

Features

Emulating (Type 6) · Cycle-specific · Custom 90–140 °C designs · Non-bleeding ink · Regulatory compliance

How to use

- Select the indicator matching your sterilizer cycle (e.g. 134 °C / 3.5 min).
- Place the strip inside the pack or process challenge device.
- After the cycle, confirm a complete change to black. Any incomplete change means the cycle parameters were not met at that location.

Applications

CSSDs and laboratories that release loads by cycle-specific chemical monitoring, and device manufacturers validating dedicated cycles.

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

Can one Class 6 indicator be used for both 121 °C and 134 °C cycles?

No. A Type 6 indicator is manufactured for one specific cycle. Use the 121 °C / 15 min version for gravity cycles and the 134 °C / 3.5 min version for pre-vacuum cycles, or request a custom design.

Request a quotation: <https://kangdemed.com/request-quote?product=class-6-steam-indicator-strip> · Jason.wangxiaokang@gmail.com · WhatsApp +86 199 5663 5178