



CHEMICAL PROCESS INDICATORS (CPIs) For Monitoring Dry Heat Sterilization Processes

Crosstex Code: CPI-DH01

Product Description

CPI-DH01 are intended for use with individual units (e.g. packs, containers) to indicate that the unit has been directly exposed to a high temperature dry heat process and to distinguish between processed and unprocessed units. The indicators color transition from orange to brown.

Physical Properties

Process	Dry Heat
Dimensions	Diameter: 12.7 mm (0.5") circle Thickness: 0.10 mm (indicator); 0.17 mm (indicator and liner)
Packaging	1,000 Indicators/Roll
Chemical Indicator	Initial Color: Orange Signal Color: Brown

Intended Use

The indicators are use in high temperature dry heat sterilizers operating at 160°C.

Class 1 / Type 1 Process Indicator Requirements:

- 160°C for 40 minutes

Instructions for Use

Use an indicator on each item, pack, peel pouch, or tray that will be sterilized by dry heat. Place at a location considered most challenging for dry heat to reach. Process packages/items as instructed in the sterilizer validation or manual.

Upon exposure to dry heat, the indicator will transition from orange to brown. The transition color may vary depending on the load configuration, length and conditions of exposure. A color transition from orange to a shade of brown provides indication of exposure to dry heat. If the signal color is still not achieved this suggests ideal sterilization conditions may not have been met. Determine if the load was successfully sterilized by examining a biological indicator, or re-sterilize the load using a new chemical indicator.

Performance Characteristics

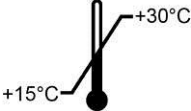

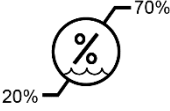


Result Availability	Immediately following exposure to dry heat processes
Unexposed*	Exposed to 160°C, 40 minutes*
	

*Colors shown are representations of printed ink initial and signal colors but may vary from actual use.



The signal color achieved from exposure to dry heat may vary from the example above due to differences in processing parameters (i.e. load content, cycle time, temperature, etc.). Any color change produced during exposure to dry heat which is different from the initial color is considered acceptable.

Storage and Shelf Life

	15°C to 30°C		Keep away from sunlight
	20% to 70% relative humidity		Keep dry
Shelf life	2 years from the date of manufacture The date of manufacture is based on the day the indicating ink is applied to the substrate. The remaining shelf life upon receipt will be shorter than 2 years		
	Keep away from sterilants. Do not use damaged Indicators or Indicators which have transitioned to green. Do not use after expiration date		

Disposal

Discard as general waste.