



## STEAM AUTOCLAVE INDICATOR TAPE For Monitoring Steam Processes ISO 11140-1 TYPE 1



True Indicating Code: CSWN-1T and CSWN-1T-R

### Product Description

True Indicating Steam Autoclave Indicator Tape contains no lead or other toxic heavy metals and is latex free. The autoclave tape is utilized for closing packages, instrument wraps and other items requiring steam processing. The autoclave tape can be used for distinguishing processed and non-processed items and up to 140°C. The tape adhesive can adhere to paper, plastic, glass, metal, and non-woven materials.

### Physical Properties

Process	Steam
Tape Dimensions	19 mm x 50 m (0.75" x 55 yards)
Packaging	CSWN-1T: 12 Rolls/Case CSWN-1T-R: 1 Single Roll
Chemical Indicator	Initial Color: White Signal Color: Dark / Black

### Indications for Use

Type 1 Indicator :

- 121°C,  $\geq$  10 minutes
- 134°C,  $\geq$  2 minutes

FDA cleared cycles:

- 121°C,  $\geq$  30 minutes (gravity)
- 132°C, 4 minutes (pre-vacuum)
- 135°C, 3 minutes (pre-vacuum)

### Instructions for Use

Use a minimum of a three (3) inch section of tape to close packages/items intended for steam sterilization. Process packages/items as instructed in the autoclave/sterilizer validation or manual.

Upon exposure to steam, the Indicator will transition from White to Dark. The transition color may vary depending on the load configuration, length and conditions of exposure. A color transition from White to a shade Gray or Black provides indication of exposure to steam. Autoclave Tape does not indicate sterility of items processed; a transition in color from White to Dark indicates exposure to Steam.

The chemical reaction which causes the color transition is a steam specific reaction and is irreversible.

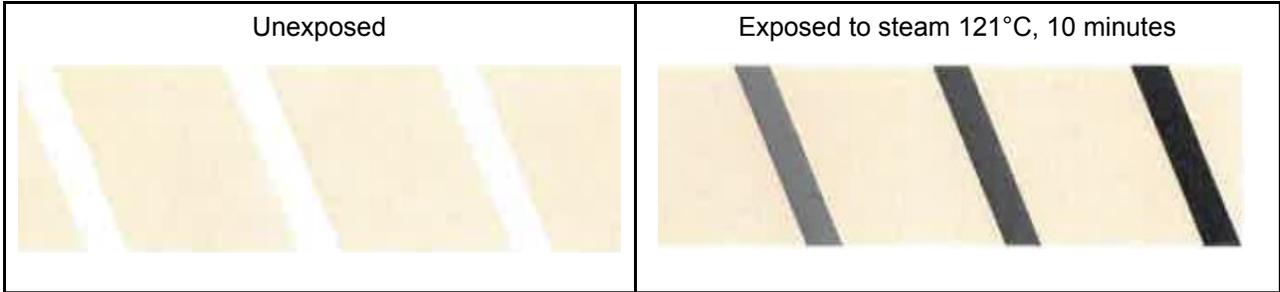




# Technical Data Sheet

## Performance Characteristics

Result Availability	Immediately following exposure to high temperature steam processes
---------------------	--



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



The signal color achieved from exposure to steam may vary from the example above due to differences in processing parameters (i.e. load content, steam quality, cycle time, temperature, etc.).

## Compliance

ISO 11140-1:2014 Sterilization of health care products – Chemical indicators- Part 1: General requirements for Type 1 Chemical Process Indicators

## Shelf Life and Storage

	15°C to 30°C		Keep away from sunlight
	20% to 80% 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.		
	Do not use the product if the indicator has transitioned from White to Dark. Keep away from sterilants. Do not use after expiration date.		

## Disposal

Discard as general waste.

