

## HYDROGEN PEROXIDE PROCESS INDICATOR LABELS

- Compliance -** Indicators meet ISO 11140-1 for Class 1 Process Indicators
- User Friendly -** Non-toxic, self adhesive, yellow to blue transition
- Convenient -** Room temperature for storage  
24 month shelf life
- Reliable quality -** Each lot is tested to verify color transition.


NAMSA Hydrogen Peroxide Chemical Process Indicators (CPIs) are manufactured to meet performance specifications described in ISO 11140-1 "Sterilization of health care products - Chemical indicators - Part 1: General requirements," for Class 1 Process Indicators. NAMSA Hydrogen Peroxide CPIs are not intended for use as sterility indicators, but rather as throughput process indicators used to monitor exposure to the hydrogen peroxide sterilization process.



### PRODUCT SPECIFICATIONS AND APPLICATIONS

NAMSA Hydrogen Peroxide CPIs are labeled with 24 months of shelf life and room temperature storage. The shelf life is based on the date the indicating ink is applied to the substrate. Product may have a shelf life of less than 24 months at the time of purchase. Humid or moist environmental conditions may adversely effect the function of the Hydrogen Peroxide CPIs. Labeled storage conditions should be observed at all times to maintain optimum sensitivity.

Exposed indicators are stable and remain blue when stored under labeled conditions. A minimum of 6.0 mg/l of hydrogen peroxide is recommended for sufficient endpoint color. Each roll is individually packaged with a certificate of conformance to ensure the products' quality and consistency.

NAMSA Hydrogen Peroxide CPIs are manufactured using a water-based ink formulation made without the use of any heavy metals. They are nonodorous, and nonhazardous to use. The printed labels are safe to dispose in general waste receptacles. No MSDS required per CFR 1910.1200.

Product Type	Number of indicators per roll	Product Code	Example
Imprinted 1/2" (12.7 mm) circles	5,000	CPI-P03	

Product Color Change Performance NAMSA Hydrogen Peroxide Chemical Process Indicators			
Product CPI-P03			
Unexposed		Exposed 6.0 mg/L	

*NAMSA offers a variety of sterilization monitoring products and the full range of pre-clinical safety testing and consulting services to medical device, pharmaceutical and biotech companies throughout the world.*

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