

DRY HEAT CHEMICAL PROCESS INDICATORS

- User Friendly-** Non-toxic, self adhesive, distinct orange to brown color transition
- Convenient-** Room temperature storage, 24 month shelf life
- Reliable Quality-** Each lot is tested to verify consistent performance and color transition

NAMSA Dry Heat Chemical Process Indicators (CPIs) are manufactured to meet performance specifications. The orange to brown color transition is sensitive to time and temperature (see chart to the right). NAMSA Dry Heat CPIs are not intended as dosimeters, but rather as throughput indicators used to monitor exposure to heat sterilization processes including dry heat or moist saturated steam.


PRODUCT SPECIFICATIONS AND APPLICATIONS

NAMSA CPIs are labeled with 24 months of shelf life at 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. Labeled storage conditions should be observed at all times to maintain optimum sensitivity.

Exposed indicators are stable and will remain the brown signal color when stored under labeled conditions. Each roll is packaged individually with a certificate of conformance. Each lot is tested to ensure the products' quality, consistency and compliance to NAMSA's specifications.

NAMSA CPIs are manufactured using a water-based ink formulation made without the use of any heavy metals. They are non-odorous and non-hazardous to use. The CPIs 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
Plain ½" (12.7 mm) circles	1,000	CPI-DH01	

Product Color Change Performance NAMSA Dry Heat Chemical Process Indicators

Product Code CPI-DH01

Unexposed		Dry Heat 160°C 10 minutes	
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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.