

# DEPYROGENATION CHEMICAL PROCESS INDICATORS

- User friendly -** Non-toxic, self adhesive, distinct pink to tan color transition
- Convenient -** Room temperature storage, 24 month shelf life
- Reliable quality -** Each lot is tested to verify color transition


NAMSA Depyrogenation Chemical Process Indicators (CPIs) are manufactured to meet the requirements of NAMSA's Quality System. NAMSA is a ISO 13485 and 17025 certified facility. The pink to tan color transition is sensitive to time and temperature (see chart to the right). NAMSA Depyrogenation CPIs are not intended to verify sterility or Endotoxin levels, but rather to indicate exposure to depyrogenation processes.





## PRODUCT SPECIFICATIONS

NAMSA Depyrogenation 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 tan 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 label claims.

NAMSA Depyrogenation 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 1/2" (12.7 mm) circles	500	CPI-DP1	

Product Color Change Performance NAMSA Depyrogenation Chemical Indicators			
Product Code CPI-DP1			
Unexposed		30 Minutes at 250°C	
60 Minutes at 250°C		120 Minutes at 250°C	

*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.*