Item	**Lead-Free Steam Indicator Tape**



Technical data:

Paper backing:	semi creped white paper with light green lead free indicator ink for steam process
Adhesive:	natural rubber base + resins

	Units	Values	Methods
Total thickness	mm	0,120	PSTC 133
Adhesion to steel	N/25mm	6,5	PSTC 101
Tensile Strength	N/25mm	85	PSTC 131
Elongation to break	%	4,5	PSTC 131

Applications

Lead-free, paper-based adhesive tape with steam process indicator ink, specifically designed to seal packaging for use in steam sterilization processes. The tape features a saturated, semi-creped paper backing and is coated with a high-tack, dry natural rubber and resin-based adhesive. It provides strong adhesion to a wide range of surfaces, including fabrics, metals, plastics, non-wovens, and papers. Its excellent conformability allows for effortless manual application.

Indicator according to minimum process conditions in line with UNI En ISO 11140-1:2015 for parts to Type 1 e1

This indicator is for process monitoring only and is not intended for sterilization validation

Key Features and Benefits

Visual Evidence	The indicator stripes change from light to dark color as evidence of exposure to a saturated steam sterilization cycle.
Safety	Formulated with lead-free indicator ink and designed for safe handling
High Performance	Offers high tack, resistance to high temperatures, and provides an excellent moisture barrier.
Reliable Seal	Maintains a strong bond throughout the sterilization process while ensuring clean removal after use.
User-Friendly	Highly conformable and easily applicable by hand.

Usage Conditions and Compliance:

Sterilization Compatibility: Suitable for saturated steam sterilization cycles

Normative Conformity: Indicator according to minimum process conditions in compliance with UNI EN ISO 11140-1:2015, Type 1 (Class e1).

Steam cycles 121°C – 10 min
Steam cycles 134°C – 2 min

Under the most common operating conditions, the ink color changes from light to dark color as evidence of exposure to the sterilization cycle

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Storage conditions : recommended temperature between 16°C and 25°C with maximum relative humididy of 65%. Keep the article far from direct heating sources and protect it in its original packaging. If stored below 10°C, the tape should be conditioned at room temperature prior to application.

Shelf life: 30 months from production date (data inside the cardboard support)

Disclaimer

The data provided are typical average values obtained in laboratory tests on samples from standard production, using test methods traceable to international standards. These values do not imply any guarantee of fitness for a particular purpose. Users are advised to verify product compliance relative to their specific conditions of use. Kartell disclaims all liability for direct damages or any consequences arising from improper use of the product.

CODES & DIMENSIONS

Code	Roll width
1052/1	19 mm x 50 mt

PACKAGING

CODE	MINIMUM PACK PZ	CASE PCS
1052/1	8	48

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