

4a medical®

producing health for the world

STERILIZATION CONTROL PRODUCTS



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Type 4 Steam Chemical Indicator

4A Type 4 Steam Chemical Indicators are the indicators used inside sterilization packages during the steam sterilization and when multi parameters are obtained, the color turns into its reference color. 4A Type 4 Steam Chemical Indicators allow the end user to identify incorrect packaging, loading problems and sterilization failures.

Besides standard Type 4 Steam Chemical Indicator we also have Self Adhesive Type 4 Steam Chemical Indicator with self adhesive feature on the back for easier documentation as well as Perforated Type 4 Steam Chemical Indicator



Type 5 Steam Chemical Integrator

4A Type 5 Chemical Integrators are the indicators which give proximate result to the biological indicator and they operate in direct proportion to biological death.

This product that is used in a package during steam sterilization process consists of the chemical mixture on the part of the acceptance area if the sterilization is successful and on the part of reject area if the sterilization fails.

There is no reference color in integrators, and the results can be interpreted according to the mixture migrating through the window.



4A Type 5 Chemical Indicators are cycle verification indicators that confirm the presence or absence of specific time and temperature parameters during a cycle. The products allow the end user to identify incorrect packaging, load problems and sterilization failures. 4A Type 5 Chemical Indicators are designed to operate at steam cycle 121°C and 134°C operation conditions.

Besides standard Type 5 Steam Chemical Indicator we also have Self Adhesive Type 5 Steam Chemical Indicator with self adhesive feature on the back for easier documentation.

Hydrogen Peroxide (Plasma) Chemical Indicators

4A Plasma Indicators which are Type 5 indicators are chemical indicators which are used in sterilization inside package for sterilization with hydrogen peroxide.



Type 6 Steam Chemical Indicator

4A Type 6 Steam Chemical Indicators are the products that are put into each sterilization package and that indicate success of the sterilization. 4A Type 6 Steam Chemical Indicators are cycle verification indicators that confirm the presence or absence of specific time, temperature and pressure parameters during a cycle.

While Type 6 Steam Chemical Indicator 3,5 minutes operates up to 15 minutes at 121°C, up to 3,5 minutes at 134°C, Type 6 Steam Chemical Indicator 7 minutes operates up to 20



minutes at 121°C, up to 7 minutes at 134°C.

We have the following 4A Type 6 Steam Chemical Indicator types:

Besides standart Type 6 Steam Chemical Indicator 3,5 minutes we have Self - Adhesive Type 6 Steam Chemical Indicator 3,5 minutes and Perforated Type 6 Steam Chemical Indicator 3,5 minutes.

Besides standart Type 6 Steam Chemical Indicator 7 minutes we have Self - Adhesive Type 6 Steam Chemical Indicator 7 minutes and Perforated Type 6 Steam Chemical Indicator 7 minutes.

4A Type 6 Registration Cards are the products that are put into each sterilization package and that indicate success of the sterilization. 4A Type 6 Registration Cards are cycle verification indicators that confirm the presence or absence of specific time, temperature and pressure parameters during a cycle.

Type 6 Steam Chemical Indicator Registration Card 3,5 minutes operates up to 15 minutes at 121°C, up to 3,5 minutes at 134°C. It has additional space for adding notes. Thanks to its self adhesive property it is easy for documenting sterilization results.



Bowie Dick Test Pack



4A Bowie Dick Test Packs are the testing packages that should be used before starting daily machine sterilization process for steam sterilization devices. Bowie Dick Test Pack is used for the purpose of testing whether there is air leakage and efficient steam penetration in the steam sterilizers.

4A Bowie Dick Test Packs color change allows assurance of whether the steam sterilizers are ready for the sterilization or not.

Different kinds of Bowie Dick Test Packs are available in 4A production. These are 4A Bowie Dick Test Pack 200 (wrapped in medical paper, wrapped in crepe paper and BD in box) and 4A Bowie Dick Test Pack 400 (wrapped in medical paper and wrapped in crepe paper) and 4A Bowie Dick Test Pack EWS (Early Warning Test Sheet)

PCD - Helix Load Control Test



4A PCD- Helix Load Control Test has a self adhesive indicator on the far end. The PCD test kit has a 1 m long hose, and the Helix test kit has a 1.5 m long hose. There are 100 indicators in each package.

In this product used for load control, the adhesive indicator is placed at the far end of the test apparatus, steam inlet only can be at the beginning of the hose and it can reach the chemical indicator at the end of the hose by passing at a single point.

Autoclave Tapes



Steam Autoclave Tape 19mm x 50m

4A Autoclave Tape is an adhesive tape used in autoclaving to indicate whether a specific temperature has been reached. 4A Autoclave Tapes has a Type 1 indicator.

4A Autoclave Tape works by changing color after exposure to temperatures commonly used in sterilization processes. Tape also features a chemical indicator to verify that it has gone through the sterilization process.

They are a safe solution for closing wrapping materials.

Plasma Autoclave Tape



4A Hydrogen Peroxide (Plasma) Tape is an adhesive tape used in plasma sterilization to indicate whether a specific gas has been exposed.

4A Autoclave Tapes have a Type 1 indicator.

4A Hydrogen Peroxide (Plasma) Tape works by changing color after exposure to sterilization processes. Tape also features a chemical indicator to verify that it has gone through the sterilization process. They are a safe solution for closing wrapping materials.

Hydrogen Peroxide (Plasma) Tape : 19mm x 25m