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ABOUT



GAMMA IRRADIATION

GAMMA RAYS STERILIZATION

Gamma irradiation offers good penetration of dense products and is ideal for many types of materials and their packaging.



Total effectiveness
against living organisms



High penetration rate



Large processing capacity



No residue

HOW DOES IT WORK?

Gamma sterilisation consists of exposing the products to be treated to gamma rays within a protective cell, by adapting the duration of exposure.

The rays emitted by the source, which consist of gamma photons, have the particularity of destroying the micro-organisms present on the products by altering their vital functions (DNA, etc.) The energy level of the cobalt-60 sources does not allow radioactivity to be induced.

The fact that gamma photons have neither mass nor electrical charge makes these ionising rays particularly penetrating. They are thus capable of sterilising products through their final packaging, in packages or entire pallets.

COMPATIBLE WITH A WIDE RANGE OF PRODUCTS



And many more...

ISO CERTIFICATIONS

ISO 11137

All our gamma sites are ISO 11137 compliant. The ISO 11137 standard groups together the requirements for the sterilization of medical devices using radiation in industry and health care institutions.

ISO 13485

All our gamma sites are ISO 13485 compliant. The ISO 13485 contains a comprehensive quality management system for the design and manufacture of medical devices.

