



BERNEDO



Terminally sterilized flexible IV bags (PVC or PVC-FREE)

Headcount:

130



Authorizations:



agencia española de
medicamentos y
productos sanitarios
SPAIN

Product Forms:

Terminally sterilized flexible
IV bags (PVC or PVC-FREE)



**Number
of units
produced:**

9.700

Million bags



**Strong
expertise**



Focused in development
manufacturing and controlling sterile
products (IV Flexible Bags).

Equipment:

3 Semi-automatic Filling Machines (flexibility)

3 Autoclaves

3 Overwrapping Machines.





BERNEDO



Terminally sterilized flexible IV bags (PVC or PVC-FREE)

CAPACITY:



18 MM bags per year.

SIZES:



40ml

50ml

150ml

200ml

250ml

300ml

500ml

EQUIPMENT:

Manufacturing

- 6 Stainless Steel vessels of 2,000 litres with the ability to manufacture sizes from 600 litres to 2,000 litres.
- 6 Polypropylene vessels of 1,000 litres with the ability to manufacture sizes from 200 litres to 1,000 litres.
- Absence of pump for the filling using gravity and overpressure (N₂ or Compressed Air).
- 3 Semi-automated Filling Machines with 3 nozzles per machine.
- 3 Air-steam Autoclaves of 4/m³ for terminal sterilization.
- 3 thermoforming/vacuum machines for the overwrapping.
- 3 cartoning machines and 1 box printer (including possibility of serialization and aggregation) allowing a high level of flexibility with boxes of 1, 3, 5, 10, 12, 20, 30, 40 and 50 units per box mainly manual operations (mainly manual operations).

QC&Micro Lab

- Bernedo through its department of Quality Control offers the capability to carry out all kinds of physical-chemical and microbiological controls.

Additionally through our R&D Department we can offer the possibility of:

- Feasibility studies in flexible IV bags.
- Formulation & pilot batches.
- Stability studies (7 climatic chambers with different conditions to cover semi-permeable and non-permeable containers).
- Assistance in the preparation of registration files.