

TECHNICAL DATA

BREZZO₂

AEROSOL CAN AND VALVES

Specification:

1. BREZZO₂ is pressurized in aerosol tin can with nickel plated which protects the outer surface of can from corrosion which relatively increases the shelf life of product.
2. Aerosol can is lacquer coated from inner surface over a crimped area and wall area which avoids the direct contact of material of can with oxygen and also decreases the chances of leakage of gas through crimped areas.
3. Size and thickness of can without wall is as mentioned below
 - a. Height = 220 mm
 - b. Diameter= 65 mm
 - c. Thickness = 0.4 to 0.6 mm
 - d. Valve opening = 1 inch in dia
4. Aerosol can used is been tested with respect of pressure holding capacity and Temperature effect and results are as below
 - a. When tested found that aerosol can get bulges out with upper and bottom fittings as pressure exceeds 180 psi but our working pressure approximately 150 psi so can is found satisfactory.
 - b. Aerosol can is crimped with valve and filled with pressure of 150 psi can sustain the heat less than 50 degrees centigrade
 - c. Wall thickness is enough to sustain the maximum pressure of 140 to 160 psi without any deformation and damage.
5. Valve used is selected on the basis of its application and its gasket type which hold the pressure of 150 psi .
6. Diameter of vale is 1 inch and displacement of stem is of less than 1mm.

MASK, DUST CAP AND ACTUATOR

Specification:

1. All the three parts are made as per design relative to aerosol can which fits on can tightly as required
2. All the three items are made from material called PPE (Polyphenylene Ether) which is a thermoplastic, largely used in pharmaceutical industries.
3. Use of PPE is made on the basis of it following properties
 - a. Flame retardant
 - b. High heat resistant
 - c. Good dimensional stability
 - d. High stiffness

MEDICAL OXYGEN (M02)

Specification:

1. Oxygen we used is medical grade which is 96 % to 99% pure oxygen. We buy it from authorised dealers who is responsible for purity of oxygen and its certificates
2. Standard of oxygen is maintained as per MIL-PRF-27210 TYPE 1 and Indian pharmacopoeia
3. Oxygen is refilled from oxygen supplier in 7 cu inches cylinder which is been duly checked for its conditions, leakage and due dates
4. At each delivery sniff test is carried to odour test so that quality of oxygen maintained and this data is been recorded.
5. Process of filling oxygen gas into the aerosol can is under good insulated system so that no other particle enter into the system and can also.

BREZZO2