

Inflatable Seals (FBD Gasket)

Inflatable Rubber Seals are made from high strength FDA approved Transparent Silicone Rubber. The inflatable gaskets, rubber inflatable gaskets comply to class 21 CFR 177.2600.

Application:

Inflatable seals provide a solution where the risk of fabric contamination is not acceptable.

- o Oven door seals
- o Fluid bed dryer
- o Sterilizer
- o Fluid bed processor

Operation:

Inflatable seals are manufactured in a relaxed / deflated position like cycle tubes. When air pressure is applied the seal either expands or rises up to meet the sealing surface. When the pressure is released, the seal returns to its relaxed position. All seals are supplied with a one way inflation assembly.

Advantages:

- o It provides a Leak Proof closure, yet allows clearance when needed.
- o It simplifies the design of the structure & hardware.
- o It minimizes the need of close matching and fabricating tolerance.
- o It is not subject to compression set which negates effectiveness of other seals.
- o Harkesh inflatable seal has very good inflation and deflation property on joint & nozzle.
- o Size of the seal is very accurate with a tolerance of $\pm 2\%$ & can withstand 4 kg/cm² pressures.
- o Harkesh inflatable seals are uniform, so there is very less chance of bursting at recommended pressure.
- o Leak proof property at joint & nozzle

Note: We provide warranty for our inflatable seals manufactured for Pharmaceutical industry.

You can also visit us at www.harkeshrubber.com/product03.html for more details on Inflatable Seals and FBD Gaskets.