



## Original Line Cylinder Meets Clean Room Requirements

### Challenge:

A customer wanted to use an assortment of Bimba cylinders in a clean room environment.

### Solution:

Bimba developed a round line cylinder with a special end cap with an auxiliary port placed at the rod end side of the cylinder. Applying a vacuum to this port allows for continuous removal of contamination that may circumvent the enhanced rod sealing technology. Additionally, the front head includes a plastic rod bushing to eliminate any debris resulting from metal on metal contact. A special lubricant that eliminates off-gassing is also used.



### Benefits:

- Meets clean room requirements.
- Can be applied to most Bimba cylinders.
- Special lubrication eliminates off-gassing.

### Other Applications:

- Food Processing
- Medical
- Packaging

