

Getter Rings and Pellets for Vacuum Systems

Getters are used in vacuum tubes and other vacuum systems to maintain a high vacuum. They are typically made of a material that can absorb or react with residual gases in the system, such as oxygen, hydrogen, and carbon dioxide.



Product Overview

High-Performance Sintered Porous Getters

These sintered porous getters are engineered from advanced non-evaporable getter alloys, processed at high temperatures to ensure superior structural integrity. Designed with high-efficiency activators and anti-sintering agents, these components deliver exceptional gettering rates and large sorption capacities. They are ideal for maintaining high vacuum environments in sensitive applications such as IR detector dewars and X-Ray tubes.

Technical Characteristics

Performance Features

- High gettering rate
- Large sorption capacity
- High-efficiency activator included
- Anti-sintering agent added

Activation Temperature

Low

Material Properties

Sintered Porous, Non-evaporable Alloy, High Compactness, Low Loose Particles

Customization & Integration

Customization Options

Sizes and shapes can be manufactured according to specific customer requirements.

Integration Capabilities

Can be equipped with an integrated heater for applications where high-frequency or heat radiation activation is not feasible.

Applications

Primary Applications

IR Detector Dewars • X-Ray Tubes • Vacuum Systems