



## Fire Safety Nozzles

The Fire Safety version is a specially designed pressure atomizing nozzle. It can handle pressures up to 700 bar. Its construction helps reduce the risk of fire or explosion by preventing product from dripping into the air disperser or drying chamber.

The nozzle is made entirely from Nitronic stainless steel. This material is up to five times harder than standard 316 stainless steel. As a result, the nozzle is highly durable and performs well under tough conditions.

An extra O-ring seal provides a nearly leak-proof connection. If a leak does occur, the design ensures that any droplet falls directly into the drying chamber. It never settles around the nozzle, which helps prevent dry buildup or cauliflowering.

This safety version is available for all Fyrtext models. It fits easily into existing spray dryer systems, improving safety without changing your process or final product.

### Key Benefits

- Nitronic steel housing: harder and tougher than 316
- Leak-proof: extra O-ring and smart droplet control
- Reduce fire and explosion risk
- Limits leakage and clogging
- Fits all Fyrtext nozzle types
- Withstands up to 700 bar
- Tool-free, hand-tight assembly
- Fully welded; no threads
- USDA sanitary design
- FDA gasket; heat and chemical resistant

### Available models:

- **Model 698:** for Fyrtext 3, 5, TD and SB nozzles
- **Model 697:** for Fyrtext Mini and SK nozzles