

High Temperature Filters

AmAir® HT

Silicone-free high temperature panel filter with folded fibreglass media pack, laminated with a mesh grille for enhanced stability

Recommended application:
Final filtration of high temperature processes in the automotive industry

Configuration and performance:

- ISO 16890: coarse 90%
- Filter class EN779: G4
- Media: fibreglass
- Filter frame: aluminium
- Temperature limit: 260 °C



VariCel® HT

Silicone-free highefficiency compact filter with a deep-pleat media pack in a frame construction of aluminized steel

Recommended application:
Pre- or final filtration for drying ovens in the automotive industry

Configuration and performance:

- ISO 16890: ePM 1 and ePM10
- Filter class EN779: M6 - F8
- Media: fibreglass
- Filter frame: aluminized steel and extruded aluminium
- Optional: glass rope gasket
- Temperature limit: 385 °C



VariCel® II HT

Silicone-free mini-pleat filter with fibreglass media in a robust aluminium frame and faceguards on both sides

Recommended application:
Final filtration for drying ovens in the automotive industry

Configuration and performance:

- ISO 16890: n/a
- Filter class EN779: M6, F8
- Media: fibreglass
- Filter frame: anodized extruded aluminium
- Gasket: glass rope
- Temperature limit: 385 °C (480 °C 1h peak)



VariCel® V HT

Silicone-free air filter in a V-shaped configuration with a sturdy construction of aluminized steel for high integrity

Recommended application:
Final filtration for recirculation systems of drying ovens under turbulent conditions in the automotive industry

Configuration and performance:

- ISO 16890: n/a
- Filter class EN779: M6 - F7
- Media: fibreglass
- Filter frame: aluminized steel and extruded aluminium
- Gasket: glass rope
- Temperature limit: 385 °C (480 °C 1h peak)



VariCel® XL HT

Silicone-free high temperature compact filter with a deep-pleat media pack in an aluminized steel frame construction and low pressure drop

Recommended application:
Final filtration for drying ovens in the automotive industry

Configuration and performance:

- ISO 16890: ePM 1 and ePM10
- Filter class EN779: M6 - F8
- Media: fibreglass
- Filter frame: aluminized steel and extruded aluminium
- Optional: glass rope gasket
- Temperature limit: 385 °C (480 °C 1h peak)



BioCel® HT

Highly efficient compact filter with a deep-pleat media pack in a silicone-free aluminized steel frame construction

Recommended application:
Final filtration for drying ovens in the automotive industry

Configuration and performance:

- Filter class EN1822: E10
- Media: fibreglass
- Filter frame: aluminized steel and extruded aluminium
- Gasket: glass rope
- Temperature limit: 260 °C (480 °C 1h peak)

**BioCel® V HT**

Silicone-free air filter in a V-shaped configuration with a sturdy construction of aluminized steel for high integrity

Recommended application:
Final filtration for recirculation systems of drying ovens under turbulent conditions in the automotive industry

Configuration and performance:

- Filter class EN1822: E10
- Media: fibreglass
- Filter frame: aluminized steel and extruded aluminium
- Gasket: glass rope
- Temperature limit: 385 °C (480 °C 1h peak)

**AstroCel® IHTD**

Silicone-free high temperature filter with a frame of hot dipped aluminized steel and heat resistant aluminium separators

Recommended application:
Final filtration for critical industrial production areas under high temperature and dynamic conditions

Configuration and performance:

- Filter class EN1822: E12
- Media: fibreglass
- Filter frame: hot dipped aluminized steel
- Gasket: glass rope
- Temperature limit: 250 °C (500 °C 1h peak)

**AstroCel® I HTP**

Silicone-free HEPA filter with superior durability, highly reliable operation and performance in compliance with FDA / GMP guidelines

Recommended application:
Filtration under high-temperature for dry heat sterilization and the removal of pyrogens in the pharmaceutical industry

Configuration and performance:

- Efficiency: $\geq 99,99\%$ at $0,3 \mu\text{m}$, $\geq 99,95\%$ at MPPS
- Media: fibreglass
- Filter frame: stainless steel
- Gasket: fibreglass
- Temperature limit: 350 °C (400 °C 1h peak)

