



FG4 - GAS FILTER



TECHNICAL DATA

Component classification as 67R-01 and 110R-00	Class #2
Pressure classification	450 kPa
Working Temperature	from -40°C to +120°C

FILTER ELEMENT

CHARACTERISTIC	UNIT	DATA AVERAGE
Grammage	g/m ²	120
Thickness	µm	340
Corrugation	µm	260
Resin content	%	17
Burst Strength (Dry)	kPa	300
Gurley Stiffness (Dry)	g	4
Pressure drop at 240 l/min/100 cm ²	mmH ₂ O	80
Air Permeability	l/m ² /sec	120
Bubble test-1BP	mmWC	245
Bubble test-FAOP	mmWC	350
Max pore size	µm	40

VERSIONS

The Filter is provided with inlet / outlet fittings for rubber hose diameter 12 mm.

The Filter is provided with special seat for Bosch or Continental/Siemens sensors. This seat is closed and usable ONLY AFTER MANUAL DRILLING.

DESCRIPTION OF THE FILTER

The Filter consists, externally, of one plastic chamber and one plastic cover with inlet and outlet connector for rubber hose.

The two parts are screwed together and sealed with an o-ring.

The gas enter into the Filter, release eventual oil particles and pass through the filtering paper, reaching the outlet hose. The Filter is optimized to separate oil particles from the gas and contain them inside the chamber.

The Filter is exchangeable and the internal filtering cartridge can be replaced.

Inlet / outlet fittings for rubber hoses are 12 mm diameters.

The Filter has to be installed on gas-line between vaporizer and injectors, with hose fittings in horizontal position and with chamber in vertical position (as T position).

