



# Technical Data Sheet

## FG3 Filter

Component classification as  
**67R-01** and **110R-00**  
 Class #2

Characteristic	Unit	Value
Nominal filter power (micron rating)	micron	6
Filter efficacy	%	85
Max pore diameter	micron	from 36 to 44
Medium pore diameter	micron	from 6 to 8
Substance number	gr/mq	from 121 to 131
Thickness	mm	from 0,30 to 0,36
Resin	%	from 15 to 19
Stiffness	mgs	from 1500 to 3000
Mullen test	Kg/cm <sup>2</sup>	from 2,0 to 3,0
Flow resistance (constant flow of 400 l/sec x m2)	mmH <sub>2</sub> O	from 75 to 95
Flow resistance (constant flow of 142 l/sec x m2)	mmH <sub>2</sub> O	from 24 to 31
Air passage (constant flow resistance of 20 mm H <sub>2</sub> O)	l/sec x m <sup>2</sup>	110
Outlet gas fitting		for rubber hose Ø10 mm - Ø 12 mm - Ø 14 mm - Ø 16 mm
Approvals		67R-01 / 110R-00
Pressure classification	kPa	450
Working temperature		from - 20°C to + 120°C
Material body / filter cartridge		plastic / resinated paper
Burst strength (dry)	kPa	
Gurley stiffness (dry)	g	
Pressure drop at 240 l/min/100 cm <sup>2</sup>	mmH <sub>2</sub> O	