



WAFERGARD® GT-PLUS AND GTL IN-LINE GAS FILTERS

*Remove particles from inert gases
for flow rates up to 80 SLPM*

Overview

Wafergard® GT-Plus in-line gas filters are designed to remove particles from inert gases for flow rates up to 30 SLPM. Wafergard GTL in-line gas filters are designed for flow rates up to 80 SLPM. Both filters provide efficient, low-cost point-of-use filtration of inert gases.

Applications

- Low air intake filter
- Wafer transport systems
- Clean dry air (CDA)



Wafergard GTL gas filters

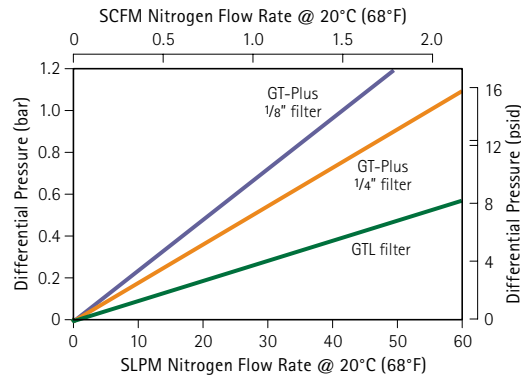


Wafergard GT-Plus gas filters

Specifications

		GT-PLUS	GTL
Membrane:		Hydrophobic Teflon® fluoropolymer PTFE	Hydrophobic Teflon fluoropolymer PTFE
Supports/housings:		PFA	Polysulfone
Recommended flow rate:		30 SLPM	80 SLPM
Connections:		1/8", 1/4" compression seal	Rc 1/4 (PT 1/4 female), 1/4" NPT female
Dimensions:	Length	1/8" seal: 69 mm (2.7") 1/4" seal: 71.5 mm (2.8")	101 mm (4.0")
	Diameter	21.5 mm (0.85")	25 mm (0.98")
Maximum operating pressure:		0.41 MPa (4.1 bar, 56.6 psid) @ 20°C	0.41 MPa (4.1 bar, 56.6 psid) @ 20°C
Maximum forward differential pressure:		0.34 MPa (3.4 bar, 50 psid) @ 20°C	0.41 MPa (4.1 bar, 56.6 psid) @ 20°C
Maximum reverse differential pressure:		0.03 MPa (0.3 bar, 4.35 psid) @ 20°C	0.03 MPa (0.3 bar, 4.35 psid) @ 20°C
Maximum operating temperature:		50°C (122°F)	50°C (122°F)
Membrane area:		12 cm ² (1.9")	25 cm ² (3.9")
Particle retention:		>99.9999999% removal of all particles greater than 0.003 µm diameter (verified at the most penetrating particle size)	>99.9999999% removal of all particles greater than 0.003 µm diameter (verified at the most penetrating particle size)

Performance Data



Ordering Information

Part Number (3/pack)	Part Number (10/pack)	Wafergard GT-Plus
WGFG 01K P3	WGFG 01K P0	1/8" compression seals
WGFG 21K P3	WGFG 21K P0	1/4" compression seals
Part Number (5/pack)	Accessory	
JPMFJK001	6.34 mm (1/4") PFA compression ferrules and nuts	
Part Number (10/pack)	Wafergard GT	
WGFG 01D SH	Rc 1/4 (PT 1/4 female)	
WGFG 01D S0	1/4" NPT female	



For More Information

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