

Wafergard® GT-Plus and GTL In-line Gas Filters

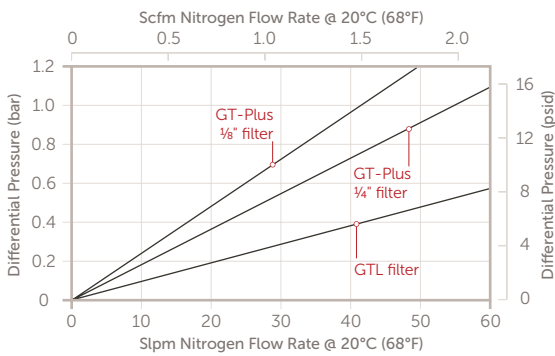
*Remove particles from inert gases
for flow rates up to 60 slpm*

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 60 slpm. Both filters provide efficient, low-cost point-of-use filtration of inert gases.

APPLICATIONS

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

PERFORMANCE DATA



Wafergard GTL gas filters



Wafergard GT-Plus gas filters

SPECIFICATIONS

		GT-PLUS	GTL
Membrane		Hydrophobic fluoropolymer PTFE	Hydrophobic fluoropolymer PTFE
Supports/housings		PFA	Polysulfone
Recommended flow rate		30 slpm	60 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 conditions	Maximum operating pressure	0.41 MPa (4.1 bar, 56.6 psig) @ 20°C (68°F)	0.41 MPa (4.1 bar, 56.6 psig) @ 20°C (68°F)
	Maximum forward differential pressure	0.34 MPa (3.4 bar, 50 psid) @ 20°C (68°F)	0.41 MPa (4.1 bar, 56.6 psid) @ 20°C (68°F)
	Maximum reverse differential pressure	0.03 MPa (0.3 bar, 4.35 psid) @ 20°C (68°F)	0.03 MPa (0.3 bar, 4.35 psid) @ 20°C (68°F)
	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 0.0015 µm diameter (verified at the most penetrating particle size)	>99.9999999% removal of all particles greater than 0.0015 µm diameter (verified at the most penetrating particle size)

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

Accessory

Part number (5/pack)	Accessory	Wafergard GT-Plus
JPMFJK001	6.34 mm (1/4") PFA compression ferrules and nuts	



Part number (10/pack)	Wafergard GTL
WGFG 01D SH	Rc 1/4" (PT 1/4" female)
WGFG 01D S0	1/4" NPT female

FOR MORE INFORMATION

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