

PHOTOGILE® PXOTT DI/DEV PHOTOLITHOGRAPHY FILTERS

UPE, Nylon, or PTFE filters for use in photolithography dispense systems and independent manifolds

PHOTOGILE® PXOTT SERIES POU FILTERS

POINT-OF-USE FILTERS FOR USE IN COMPATIBLE PHOTOCHEMICAL DISPENSE SYSTEMS AND MANIFOLDS

Photogile[®] PXOTT Point-of-Use Filters are ideal for use in critical lithography dispense applications. The one-piece constructions makes filter replacement easy on compatible dispense systems and manifolds. With Photogile capsule filters, exposure to hazardous resists and solvents is eliminated.

Photogile PXOTT comes with three media options; UPE, nylon, or PTFE, making it easy to match existing point-of-use process filtration requirements.

FEATURE	BENEFIT
Available in UPE, Nylon, and PTFE Membrane Configurations	Provides flexbility to choose the best performing media in a variety of advanced lithography applications
Low hold-up volume	Reduces expensive photochemical waste
Industry Standard Size/Fitting Connections	Ideal for use in compatible photodispense systems and independent manifolds.
Capsule fitting design	Capsule fitting design limits worker exposure to hazardous solvents
Available with or without o-ring	Provides installation flexibility to compatible dispense systems and manifolds
HDPE supports and structure	High chemical compatibility
	High cleanliness, including low metal extractables
Prewet option	Reduces pre-operation time
	Easy start up with aqueous-based solutions





SPECIFICATIONS

Filter media	UPE, Nylon, or PTFE
Supports/core/cage/end caps/ Shell	HDPE
O-rings (cartridge only)	EPDM, FFKM, or none
Max. operating temperature	40°C
Max. operating pressure	0.39 MPa (3.9 bar, 57 psi) at 25°C

Typical Applications

- Photoresist Filtration
- Solvents, pre-dispense
- UPW, developers

PHOTOGILE PXOTT FLOW RATES



PHOTOGILE PXOTT DIMENSIONS





Differential Pressure (PSID)

PHOTOGILE PXOTT ORDERING INFORMATION

EXAMPLE: **PPUNM10PX0TTMENUUD** = Photogile PX0TT capsule, UPE,10nm, short, no 0-ring, super clean, dry



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