

Zhongfu LTD1 Series

High-Cleanliness Liquid Filters

LTD1 Series filters combine a polypropylene (PP) housing and core with HDPE support layers and PTFE, HDPE or nylon membrane options for photoresist, BARC, TMAH developer, solvent and DIW filtration. Membrane selection depends on the formulation and operating conditions.



Features

- PTFE, HDPE and nylon membrane options
- PP housing, end caps and core; HDPE support layers
- 100% product cleaning and integrity testing
- Multiple filtration ratings for different particle sizes

Applications

- Photoresist filtration
- BARC filtration
- TMAH developer filtration
- Solvent and DIW filtration

Membrane Options

Membrane	Available filtration ratings	Membrane area
HDPE	50 nm, 30 nm, 10 nm, 5 nm, 2 nm, 1 nm	0.24 m ²
Nylon	50 nm, 20 nm, 10 nm, 5 nm	0.18 m ²
PTFE	0.45 µm, 0.2 µm, 0.1 µm, 50 nm, 30 nm, 20 nm, 10 nm	0.24 m ²

Construction & Operating Limits

Housing / end caps / core

Polypropylene (PP)

Support layers

HDPE

Connection type

NPT

Maximum operating pressure

0.39 MPa at 24°C

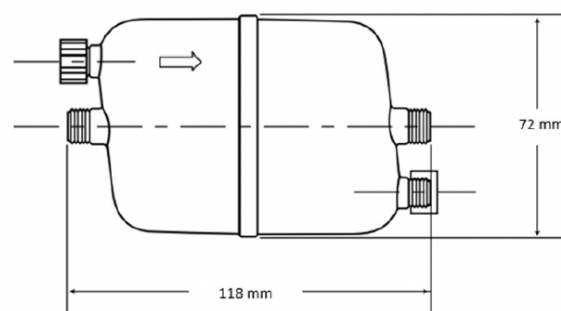
Maximum application temperature

24°C

Maximum forward differential pressure

0.28 MPa at 24°C

Dimensions



Dimensions shown: 118 mm × 72 mm

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Specifications follow the supplied product information. Confirm chemistry compatibility and final configuration for each application.