

## Certificate of Conformance

PureFlo® NG 0.5/CN 0.2µm PH Capsule Filter

Catalogue Number:

SKLNG005CN020H2HS2HS-PH-ETO

Lot Number: Z3CK02008

Description:

1.5" NG 0.5/CN 0.2µm PH Capsule Filter  
With 1/4" – 3/8" Hose Barb inlet  
1/4" – 3/8" Hose Barb outlet

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This product is manufactured, tested and released to the specifications of PureFlo® Charged Nylon filters. This certificate provides the quality characteristics and acceptance criteria for this product.



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ZenPure (Hangzhou) Co., Ltd.

Date: 03/28/2013

# ZenPure

ISO9001-ISO14001-ISO13485-OHSMS18001 Certified

### Performance Specifications

This product was sampled and tested for conformity by Quality Control to the following criteria.

#### 100% Integrity Test

Each filter was integrity tested during the manufacturing process to meet the diffusion specification. Finished product has been sampled to exhibit a water bubble point of:  $\geq 47$  PSIG (3.2 bar) with air at 22°C.

#### Operating Conditions

The filters have been tested to withstand the following conditions at 71.6°F (22°C) :

Maximum working pressure:

Liquid: 80 psi (5.5 bar)

Gas: 60 psi (4.1 bar)

Minimum burst pressure: 120 psi (8.3 bar)

Maximum forward differential pressure:

60 psid (4.1 bar)

Maximum reverse differential pressure:

30 psid (2.1 bar)

Maximum working temperature: 140°F (60°C)

### Flow Rate and Pressure Drop

A representative sample of this lot was tested and determined to meet published results.

### Sterilization

The filters are qualified to withstand up to 5 autoclave cycles at 125°C (257°F) for 30 minutes. It is always recommended to perform filter integrity test after each sterilization cycles and after usage in process.

### Warning:

This product can not be sterilized by steam-in-place procedure.

### Material of Construction

All components used to make these filters are in compliance with the requirements in the current revision of the USP Class VI 121°C Plastics.

### USP Bacterial Endotoxin

Sample of this product were tested to contain less than 0.25EU/ml using the Limulus Amebocyte Lysate (LAL) test.

### RoHS Compliance

All materials and/or components used in the manufacture of this product are in compliance with the EU Directive 2002/95/EC for Restriction of Hazardous Substance (RoHS). This statement is based on information provided by ZenPure's suppliers and is accurate to the best of our knowledge.

### Manufacturing Controls

The filters are manufactured and tested in a class 10,000 clean room.

### Contacts:

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