

Reference : CHANGE NOTICE No. CP/13/01

Subject : Change in Bubble Point Test specification for mdi 0.1 µm Polyethersulfone Membrane Capsule Filter

Scope : This change notification will affect the following products:

- mdi 0.1 µm Polyethersulfone Membrane Capsule Filter type DKL (All sizes)
- mdi 0.1 µm Polyethersulfone Membrane Capsule Filter type DKS (All sizes)
- mdi 0.1 µm Polyethersulfone Membrane Capsule Filter type DPL (All sizes)
- mdi 0.1 µm Polyethersulfone Membrane Capsule Filter type DPS (All sizes)
- mdi 0.1 µm Polyethersulfone Membrane Capsule Filter type LKS (All sizes)

Background:

In our efforts to rationalize the product integrity testing method (Bubble Point) keeping in mind user safety, the Bubble Point Test method and specification for Polyethersulfone membrane capsule filters of 0.1 µm pore size (for all product types and sizes) has been changed.

Need for Change:

User safety without compromising the integrity test performance and product attributes.

How Does It Affect the User:

The Bubble Point Testing for Polyethersulfone membrane capsule filters of 0.1 µm pore size (all product types and sizes) requires high pressure when tested with water. Keeping user safety in mind, the bubble point testing and specification will be for testing by wetting with 50% Isopropyl Alcohol. The changes will be reflected in Certificate of Quality for the respective product. All performance parameters and product attributes including integrity of capsule filters remain unchanged.

- The bubble point test specification for all products of 0.1 µm pore size as mentioned above will henceforth be ≥ 31 psi (2.14 Bars) when tested by wetting with 50% Isopropyl Alcohol instead of earlier test values of ≥ 65 psi (4.48 Bars) when tested by wetting with purified water.
- In addition to bubble point test specification with 50% Isopropyl alcohol, diffusion flow test specifications are also provided when tested by wetting with purified water.

Effective Date:

mdi Polyethersulfone capsule filters with pore size 0.1 µm (all product types and sizes as mentioned above) shipped/ordered/manufactured after January 12, 2013 will be with said changes.

In case you have any queries, please feel free to contact our Technical Support Team at 'mdi@vsnl.com'.



Quality Assurance
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