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August 1, 2018

Shawn Glover
Industrial Plankton Inc
3378 Burns Avenue
Victoria, BC V8Z 3P2

Dear Mr. Shawn Glover ,

This letter is in response to your request for integrity test values for Pall Kleenpak™ capsules containing Emflon® PFR membrane filter(s) (P/N KA3PFRP6), using 60/40 IPA/Water as a wetting fluid. These values apply to a test temperature of $20 \pm 5^\circ\text{C}$. During the test, the temperature should not vary by more than 1°C .

Forward Flow Test Parameters using Air

Filter Part Number	Wetting Fluid	Test Pressure	Maximum Allowable Forward Flow
KA3PFRP6	60/40 IPA/WATER	15 psig	4.5 cc/min

As per your request, 19 psi can be used as the minimum expected bubble point for this filter part number KA3PFRP6 when wet with 60/40 IPA/Water. If the apparent bubble point is below this value, the integrity of the filter should be confirmed using the recommended Forward Flow test.

Pall Corporation is pleased to have assisted Industrial Plankton Inc with this request. If I can be of further assistance, do not hesitate to contact me at 905-593-4362.

Sincerely Yours,

Angelica Zdunski

Technical Specialist -
Biotech