

POREX® MacroFlow™ PE Tubes Retention Efficiency / Flow Rate Summary

Test Method: Initial Retention Efficiency per ASTM F795-88

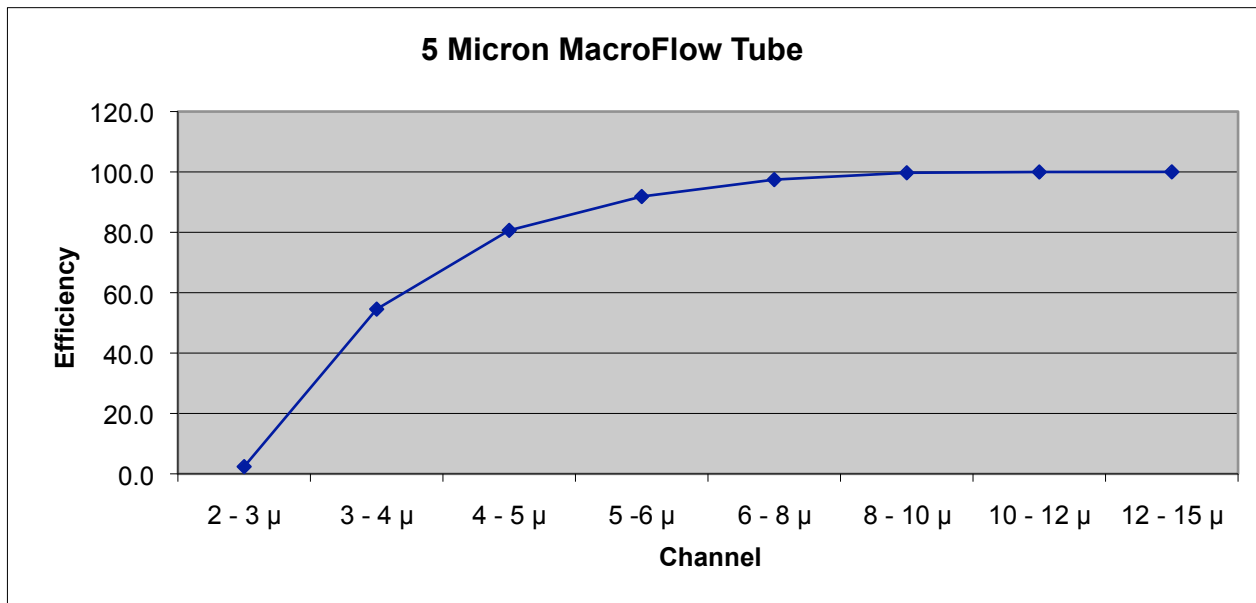
Fluid: Water

Flow Rate: 1.5 GPM/ft²

Temperature: Ambient

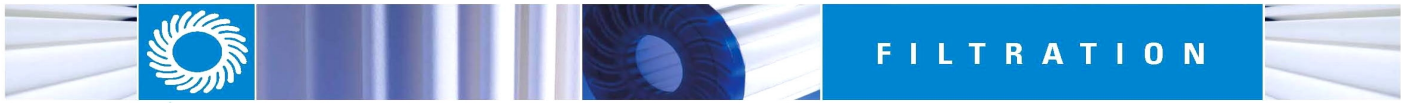
Contaminant: ISO Fine Test Dust

Sample: TPE00504AXX - 5 Micron MacroFlow PE Tube



5 micron filter generally shows 99% efficiency in the 6 – 8 micron channel

<i>Flow rate gpm/psid = 0.6</i>	<i>Flow rate psid/gpm = 1.67</i>
<i>Flow rate l/min/kPa=0.33</i>	<i>Flow rate kPa/l/min = 3.04</i>



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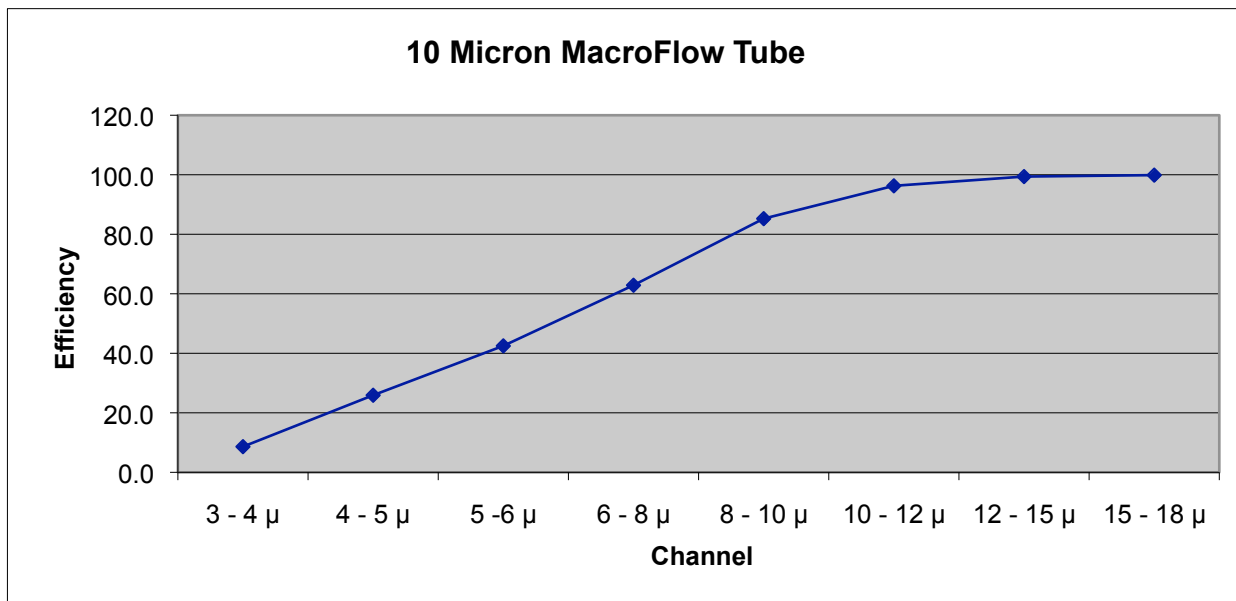
Fluid: Water

Flow Rate: 1.5 GPM/ft²

Temperature: Ambient

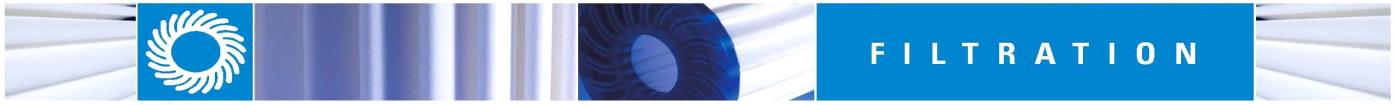
Contaminant: ISO Fine Test Dust

Sample: TPE01004AXX - 10 Micron MacroFlow PE Tube



10 micron filter generally shows 99% efficiency in the 12 - 15 micron channel

<i>Flow rate gpm/psid = 1.2</i>	<i>Flow rate psid/gpm = 0.83</i>
<i>Flow rate l/min/kPa = 0.66</i>	<i>Flow rate kPa/l/min = 1.52</i>



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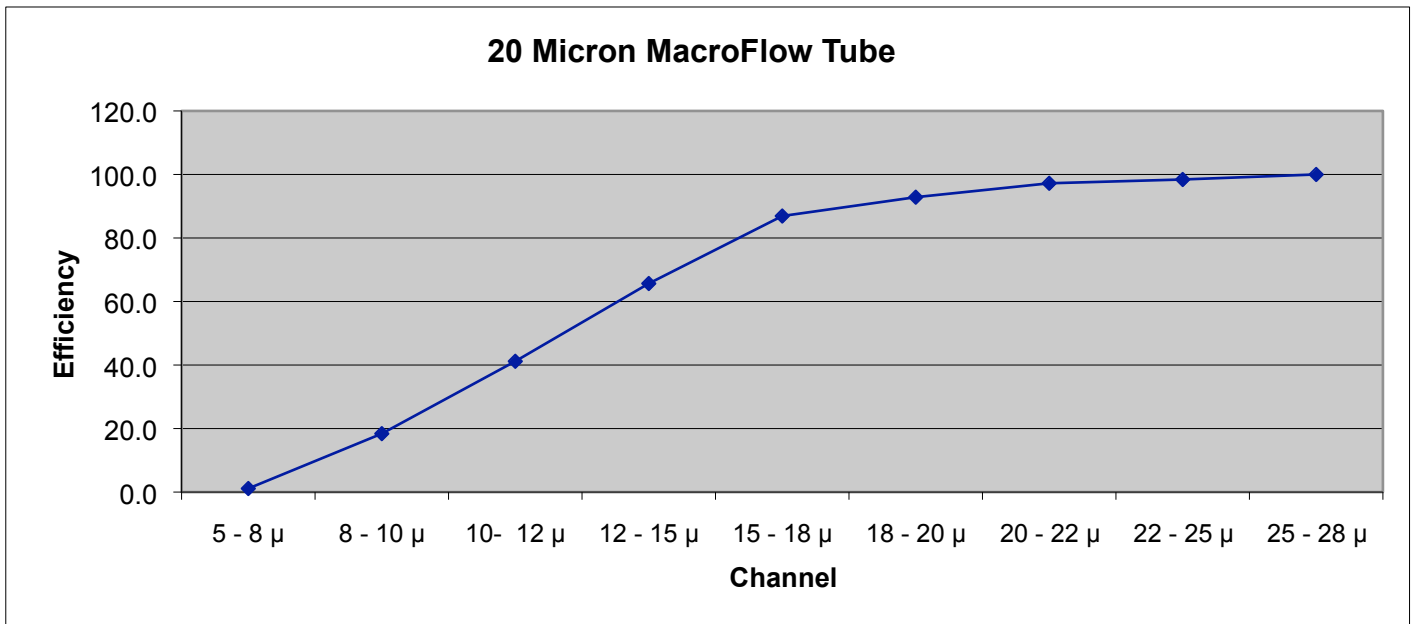
Fluid: Water

Flow Rate: 1.5 GPM/ft²

Temperature: Ambient

Contaminant: ISO Fine Test Dust

Sample: TPE02004AXX - 20 Micron MacroFlow PE Tube



20 micron filter generally shows 99% efficiency in the 22 - 25 micron channel

<i>Flow rate gpm/psid = 4.5</i>	<i>Flow rate psid/gpm = 0.22</i>
<i>Flow rate l/min/kPa = 2.47</i>	<i>Flow rate kPa/l/min = 0.40</i>