

S2.1.3 MACRO-FILTRATION MEMBRANES

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The choice of filter media is still broadly limited to an “either – or” : either “membrane” or the first choice for large solutes ($\geq 5 \mu\text{m}$). However, when stringent log reduction requirements exist (for bacteria, yeast, sub micron particulate), membranes have been the choice of media. “fiber matrix”, the decision being based primarily on solute size. Fiber matrices are typically

With new spinning technologies, challenges to the membranes domain are being made. But can membranes challenge fiber matrices where they have been typically used. Marco-porous membranes will be introduced, comparisons of fiber matrices to marco-porous membranes will be discussed. Head-to-Head case studies will be presented.