

Fine Fiber Web for Liquid Filtration

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ABSTRACT

Higher filtration efficiency, higher flux, and higher dirt holding capacity, are the three primary parameters pursued in liquid filtration industry. Meltblown, microfiber glass, cellulose, carded nonwovens, and membranes, have been used for liquid filtration for years. However, in most cases, only one or two of the aforementioned parameters can be provided with these traditional techniques.

With fine fiber web designs, higher filtration efficiency in the 0.1 to 10 micron range can be achieved at higher flux meaning longer filter life, as compared to traditional nonwoven and membrane filters.

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