

S2.3.1 LATEST DEVELOPMENTS IN METAL FIBER BASED FILTRATION MEDIA FOR MIST REMOVAL

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Metal fiber filtration media are known to have superior performances in severe conditions where corrosion resistance, high temperature resistance, pressure resistance and strength are needed. This binder free metal fiber media may be used either in a nonwoven shape (Bekipor® WB) or in a sintered shape (Bekipor® ST) depending on the applications.

In this presentation, we will focus on the use of highly porous metal fiber based non wovens to remove liquid droplets from a gas stream. In demisting applications, we see the necessity to develop media with increased efficiencies and lower pressure drops due to the more and more stringent environmental regulations. While our full metallic solutions already show good filtration performance, increased performance was achieved with our latest developments of Hybrid media. By fine tuning the media make-up, we can control its performances.