



Spun Bond (ICF-11SB) Media

All ICF filtration media used by Koch Filter Corp. is designed for pulse applications. Different media types are developed for different end-use application criteria. In many cases, a change of media may solve a problem!

Some of the considerations for media selection include:

- Particle size and shape
- Nature of the material being collected
- Temperature

Koch Filter Corporation 100% polyester Spun Bond (ICF-11SB) media is the greatest innovation in filtration. ICF-11SB combines the advantages of high efficiency with enhanced release performance.

ICF-11SB is made with fine-denier synthetic fibers, thermo-bonded to form a smooth surface. This unique construction creates a filtration media that provides superior results in the collection of most particulate. ICF-11SB successfully replaces standard wet-laid media's, which allows operation at higher air-to-cloth ratios. This can reduce a collector size or provide improved airflow capacity.

The smooth surface of ICF-11SB media allows for easier dust release than in other types of media. The benefit is better cake release during the operation of the filters and lower differential pressure. Moreover, ICF-11SB retains significantly less dust when a product is being reclaimed, resulting in noticeable cost savings.

An additional benefit of ICF-11SB media is its durability. ICF-11SB is ten times stronger than paper media. This exceptional strength eliminates the need to build the filter with an outer retainer. The open-surface construction allows dust to be released more easily during the pulse cleaning cycle. Furthermore, ICF-11SB media is able to withstand water washing.

ICF-11SB media is also available with polytetrafluoroethylene (PTFE) membrane, which vastly improves the filtration efficiency and release characteristics, while maintaining optimum airflow at reduced pressure drop.

ICF-11SB media can be pleated in a variety of depths.

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