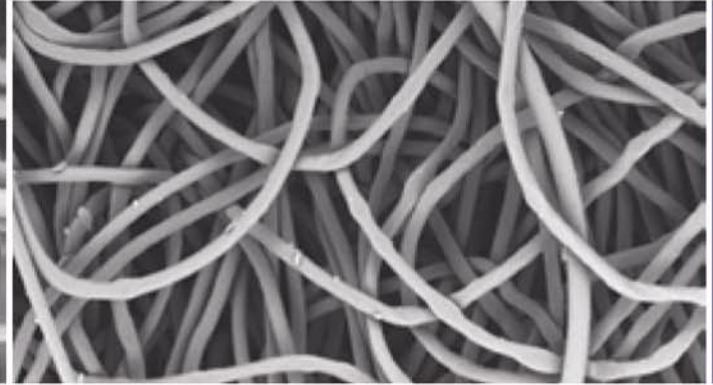


2.25 DENIER POLYESTER FIBER



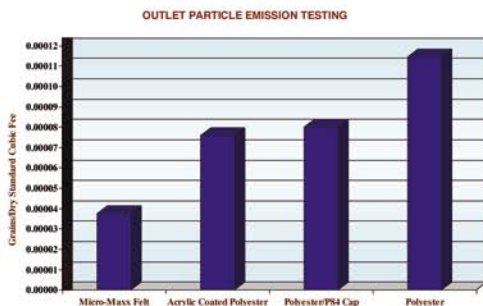
0.7 DENIER POLYESTER FIBER

**Features:**

- Improved efficiency 67% (ASTM D6830-02; PM 2.5)
- Lowered  $\Delta P$  45%
- Required 46% fewer pulses to maintain a set  $\Delta P$
- Lower operating costs as well as high filter efficiencies

PM 2.5 Efficiency Testing

**MICRO-MAXX® Felt**



NOTE: test dust particle size: 77% less than 2.5 micron

- PM 2.5 Efficiency tests compared NFM's MICRO-MAXX® to Polyester felt, acrylic coated polyester felt and polyester felt with a P-84 cap.
- NFM's MICRO-MAXX® was 53% more efficient than polyester felt with a P-84 cap, which has for several years been the "high efficiency" felt of choice for many difficult applications.

Ever tightening environmental restrictions are placing new demands on business and the fabric filtration industry. Fortunately, the answer to tomorrow's tighter restrictions can be found today in NFM's MICRO-MAXX® Felt technology. NFM's MICRO-MAXX® Felts are engineered with micro-denier fibers which provide the highest filtration efficiency of any non-membrane filter felt. Tests run by an independent environmental testing agency show that when compared to the industry standard Polyester Felt.

MICRO-MAXX® felts are produced with micro-denier fibers to provide more surface area than traditional size fibers. It is the increased surface area of the micro-denier fibers that keep the dust particles on the surface of a MICRO-MAXX® filter bag. The improvement in surface filtration also provides excellent cake release in addition to the excellent filtration efficiency. The improved cake release and lower  $\Delta P$  leads to lower fan horsepower requirements and fewer pulses to maintain production demand. Less cleaning means reduced consumption of compressed air. Therefore, the end result of switching from regular felt bags to bags made with NFM's MICRO-MAXX® felt is lower operating costs and increased profits.

**AVAILABLE FIBERS FOR MICRO-MAXX® FELT**

- POLYESTER - HOMOPOLYMER ACRYLIC
- PPS (RYTON) - ARAMID (NOMEX)
- P-84