



PC100-FR

MERV-10 80/20 FIRE RETARDANT NANOFIBER

A perfect blend of 80% cellulose and 20% polyester, this fire retardant nano has proven to be the most durable nanofiber in the market. The micro fine fibers are permanently bonded to the substrate to assure there will never be a loss of efficiency due to reverse pulsing or scheduled cleanings.

FEATURES

- Fire Retardant
- Better Durability - Perfect for pulse cleaning
- Excellent Particulate Release
- Rotary Pleatable for Fast Production
- Excellent uniformity - Maintains quality performance
- Low Pressure Drop

APPLICATIONS

- Industrial Air Filtration
- Welding (Laser, Plasma)
- Stainless Steel Welding
- Pharmaceuticals
- Plating
- Food Processing
- Powder Coating
- Cement

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SPECIFICATIONS	UNIT	VALUE	STANDARD
GRAMMAGE	(g/m ²)	135±7	GB/T451.2-2002
THICKNESS	(mm)	0.32±0.05	GB/T451.3-2002
AIR PERMEABILITY	(L/m ² .s ΔP=200pa)	170±40	GB/T5453-1997
MAX. PORE SIZE	(μm)	≤55	GB/T14041.1-2007
AVG. PORE SIZE	(μm)	≤50	GB/T14041.1-2007
BURST STRENGTH	(kPa)	≥220	GB/T454-2002
STIFFNESS	(mN.m)	≥4.5	GB/T2679.3-1996
CORRUGATION DEPTH	(mm)	≥0.3	GB/T451.3-2002
FILTRATION EFFICIENCY LEVEL		MERV 10	EN779:2012
FLAME RETARDANT RATING		F1	DIN53438-3

