



STRIKE A BALANCE FOR BETTER LIFE

Introducing WelFilter, a range of advanced filter media for air pollution control applications in PET, PP, PPS, P84, PTFE, M-Aramid, HPA, PEEK, Silica & Basalt fibers.

Developed from unique fiber blend (Micro-Fiber) and Gradient Density approach to meet the stringent emission norms, WelFilter is available in scrim supported and self supported versions.

WelFilter is also available with "ePTFE Membrane Lamination" variant for excellent dust release properties. Specific finishes as per customer requirements like OWR, Anti-Static, Abrasion resistant, Egg-Shell Finish, ePTFE dispersion are also available.

WELFILTER PROMISES TO DELIVER BENEFITS SUCH AS:

MICRO FIBER BLEND

MINIMAL THERMAL SHRINKAGE

HIGHER EFFICIENCY

EXCELLENT DIMENSIONAL STABILITY

GRADIENT DENSITY APPROACH

LOW DIFFERENTIAL PRESSURE-HIGH ENERGY SAVINGS

APPLICATIONS

POWER PLANT | CEMENT MILLS | COAL FIRED BOILER PLANT
 ASPHALT APPLICATION | CHEMICAL PROCESSING | METAL INDUSTRY | MINING
 PHARMACEUTICAL | F&B | INCINERATORS

PRODUCT DETAILS

FIBER	PRODUCT DESCRIPTION WITH FINISH/TREATMENT (OWR/PFTE/FR/GLAZE)	WEIGHT (G/M2) ISO 9073-1:1989 TOLERANCE: +/- 5%	THICKNESS (MM) ISO 9073-1:1995 TOLERANCE: +/- 10%	AIR PERMEABILITY (LT/DM2/MIN) ASTM D 35674 TOLERANCE: +/- 20%	BURSTING STRENGTH (KG/CM2) ASTM D3786	TENSILE STRENGTH (N/5 CM) ISO 9073-1:1989		OPERATING TEMP (OC)	
						MD	CD	CONTINUOUS	PEAK
POLYESTER	100% Polyester – Self Supported	550	2	120	>40	>1200	>1200	130	150
	100% Polyester – Scrim Supported (MF/AS)	550	2	120	>35	>1200	>1200	130	150
	100% Polyester – Scrim Supported ePTFE Laminated	550	2	20-50	>35	>1200	>1200	130	150
ACRYLIC	Acrylic with Acrylic Scrim	550	2.2	130	>30	>700	>800	125	135
PPS	PPS with PPS Scrim	550	2	130	>35	>1000	>1000	180	190
	PPS with PPS Scrim ePTFE Membrane laminated	550	2	20-50	>30	>1000	>1000	180	190
	PPS with PTFE Scrim	550	2	130	>30	>900	>1000	180	190
	PPS+P84 with PPS Scrim	550	2	130	>30	>1000	>1000	180	190
WelStrat	WelStrat™	500	1.8	180	>30	>700	>800	150	170
	WelStrat™	550	2	150	>30	>800	>900	150	170
Aramid	Aramid with Aramid Scrim	550	2.3	150	>35	>1000	>1000	200	210
	Aramid with Aramid Scrim ePTFE Membrane lamination	550	2.3	20-50	>30	>1000	>1000	200	210
	Aramid with Fiberglass Scrim	550	1.8	130	>30	>800	>900	200	210
P84	P84 with PTFE Scrim	550	2	110	>30	>700	>800	240	260
	P84+PTFE with PTFE Scrim	550	1.6	130	>30	>700	>800	240	260
*These are typical values and can be engineered as per the requirement.									

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 ADVANCED TEXTILES