

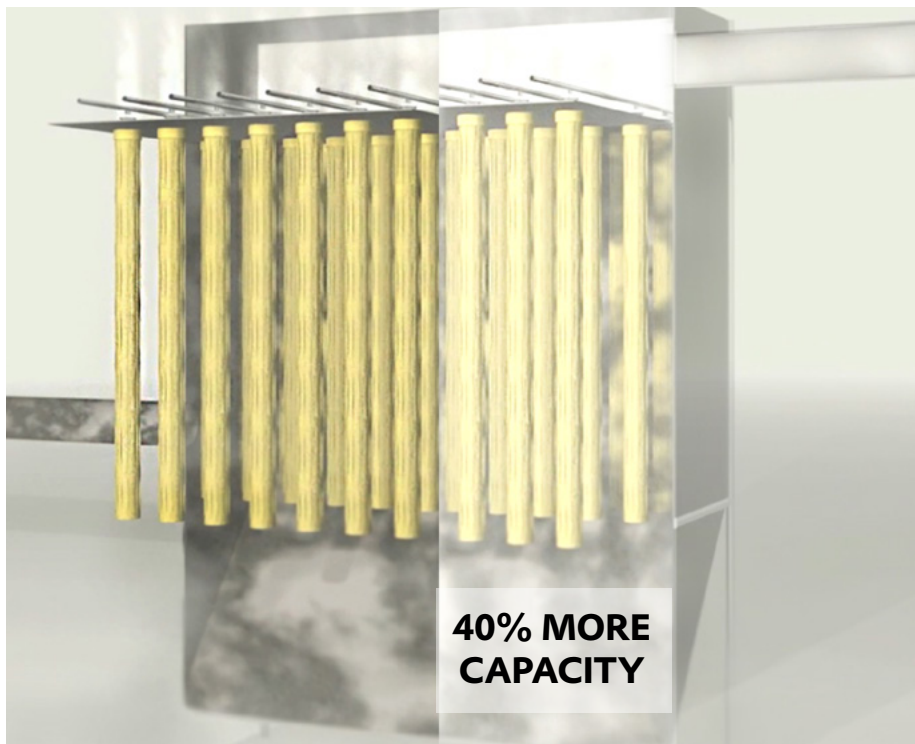
P84® Fiber for Cement Plant Pulse-Jet Baghouses

Achieve the highest capacity at the lowest total cost of ownership

Reduce outages and increase productivity

No need for expensive expansions. Get reliable production with P84® filter media that operates at higher air to cloth ratios, delivering consistent performance over the life of bags and resulting in maximum production volumes.

It's like adding 40% more bags, without the time and expense of a baghouse expansion!

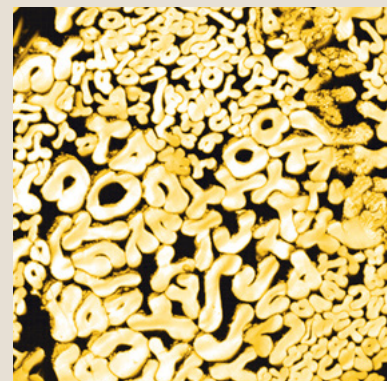
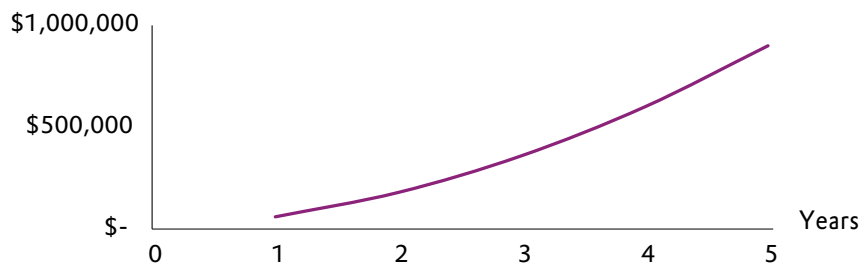


High filtration efficiency leads to consistent low-pressure drops - saving energy & money

How does it work? The surface is the secret. P84® fiber has 65% more surface area than a conventional round fiber due to its irregular multi-lobal shape. This keeps felts clean over time. A high performance P84® filter bag recovers at the original pressure drop keeping energy costs low, production rates high, and compliance with air emission regulations in line.

Are stricter emission limits a concern? Finer P84® fibers with even more surface area available.

Electricity Savings – 150 ton/hr Kiln



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P84®

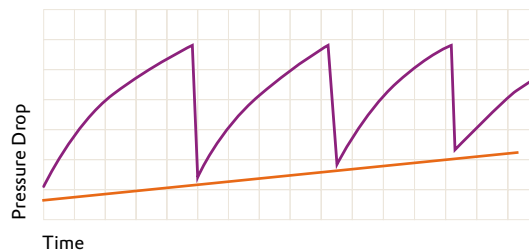
Extended bag life that easily withstands a combination of harsh conditions without failures

- Resists high abrasive dust volumes and high gas flows
- Endures peak temperatures – bags can withstand surge temperatures of up to 500 °F
- For extended temperature surges up to 530 °F we offer a new premium version – P84® HT

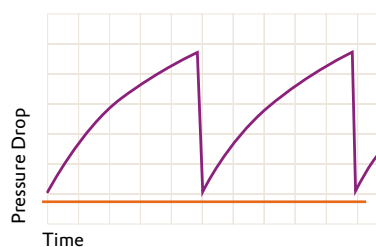
Real benefits for cement plants

- Reduced electricity costs of up to \$200,000 / year
- More capacity – no expansions needed
- Maintenance labor costs reduced
- Lower annual bag costs. Some plants have doubled their bag life, saving \$80,000 / year.

Conventional filter media – typical pressure drop curve



P84® filter media – typical pressure drop curve



P84® filter media has both dust side and clean side needle-felted layers plus a scrim layer for increased mechanical strength.

Other filter media designs get totally blinded by dust, causing an excess pressure drop through the bag, excess compressed air consumption and excess emissions.

Reduce the total cost of owning, operating and maintaining your cement plant baghouse today.

- Increase production reliability
- Reduce operating costs
- Reduce maintenance costs
- Reduce energy use
- Increase fuel flexibility

APPLICATION	FILTER MEDIA
KILN	P84®/PTFE
CLINKER COOLER	P84® CAP ON M-ARAMID
CEMENT GRINDING	P84® CAP ON POLYESTER
COAL MILL	P84® CAP ON ACRYLIC
ALKALI BYPASS	P84®+PTFE BLEND

Ask us how!

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