

CAPACEON HEAVY DUTY AIR FILTER MEDIA



Established in 1843, Hollingsworth & Vose Company is a global leader in the supply of technically advanced nonwoven and specialty papers used in electronics, battery, filtration, and industrial applications. H&V drives value in customers' products by inventing next-generation materials with superior performance. The company operates manufacturing sites and research centers in the Americas, Europe, and Asia.

Capaceon™, an exciting new family of filter media from Hollingsworth & Vose, breaks the link between basis weight and performance. With a focus on increased filter lifetime, Capaceon media provides higher dust-holding capacity for the toughest environments.

High dust-holding capacity

Capaceon offers 10% to 30% higher dust-holding capacity at equal basis weights compared to current media. This gives customers the option of either providing superior-performing filters or optimizing costs by using fewer pleats while maintaining element performance. This application flexibility is available only throughout the use of H&V Capaceon filter media.

Improved efficiency

Capaceon filter media offers improved initial efficiency performance in filter elements. This creates more value for customers by supplying a higher level of engine protection from contaminants throughout the lifetime of the filter.

Pre-cured acrylic resin system

Capaceon heavy duty air filter media is treated with a modified acrylic resin system that is pre-cured during manufacture to optimize strength and moisture resistance. Providing pre-heat or post-heat steps during the pleating process (80° C) helps optimize processing on individual pleating lines.

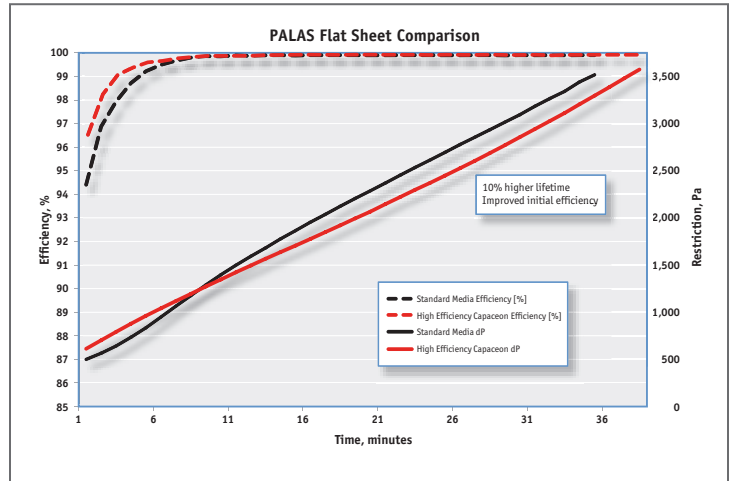


CAPACEON™



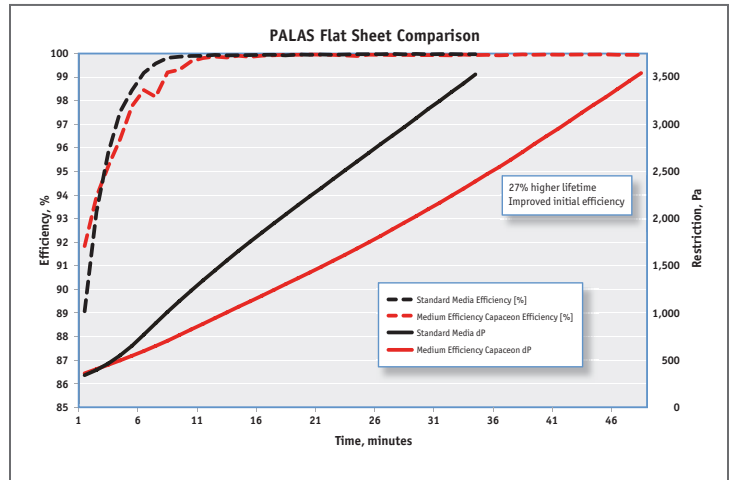
Capaceon Grade CA6750 vs. Current Media

- 10% higher dust-holding capacity
- Improved initial efficiency



Capaceon Grade CA6740 vs. Current Media

- 27% higher dust-holding capacity
- Improved initial efficiency



Testing Conditions: filter area: 100 cm²; face velocity: 20 cm/s; dust concentration: 200 mg/m³; aerosol/dust: PTI-SAE fine; discharge: no; air flow: 120 l/min



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Grade	Basis Weight, lb/3,000 ft ²	Frazier Permeability, cfm	Overall Thickness, inches	Corrugation, inches	Max. Pore Size, microns
CA6740	69	14	0.027	.020	45
CA6750	69	11	0.027	.015	42