

PTFE Membrane Surface Filtration Media, for HEPA, HVAC and Vacuum Cleaner Filters

	Membrane Grades:	High Flow	High Efficiency	HEPA	HEPA	Specialties	Test Standards
Construction:		2 layer	2 layer	2 layer	3 layer	2 layer	
Efficiency at 5.33 cm/s	% at 0.3um DOP	> 90%	> 99%	> 99.97%	> 99.99%	> 99.97%	IES-RP-CCO21.1
Typical max. dp at 5.33 cm/s	mm H2O	10	25	25	29	25	IES-RP-CCO21.1
Achievable Filter Rating:		H10	H11	H12-H13	H13-H14	H12-H13	Ref. EN1822
Typical Filter Efficiency:	%	90-95%	95-99%	>99.9%	>99.97%	>99.9%	
Air Flow:	ft ³ /min/ft ² @ 0.5" H2O	8 to 15	5 to 10	4 to 8	4 to 7	4 to 8	ASTM D737
	l/dm ² /min @ 200Pa	39-73	24-49	20-39	20-34	20-39	calc.
	m ³ /m ² /h @ 200Pa	235-441	147-294	117-235	115-206	117-235	calc.
	l/m ² /s @ 200Pa	65 - 122	41 - 82	33 - 65	32 - 57	33 - 65	calc.

Recommended material types per application:

Vacuum cleaner dust bags		-	QP916	QP938	-	printed	* upon request
Pleated filters	260 g/m ²	*	QP842	*	*	liquid repellent	
	170 g/m ²	QP926	QP845APC	QP845	QP861		
	150 g/m ²	*	*	QPR057EXP			
	100 g/m ²	QP936	*	QP872	*		
<i>For small pleat height & hot melt spacing:</i>	100 g/m ²	QP903EXPA	*	*			

All above data is nominal and provided for information only and is subject to change. All metric conversions are approximate.



GE INTERNAL INFORMATION

Status of available Vacuum Cleaner Media for different filter classes per May 30, 2008 (DRAFT)