



VariCel®

Effects of High Temperatures on VariCel Filters

	Media	Seperators	Cell Sides (Galvanized Steel)
100°C			Cell sides may begin to turn golden brown if oils, lubricants or oxides are present.
150°C	Binder begins to burn off. Media turns brown.		
175°C	Media begins to weaken.		
200°C		Seperators begin to soften.	
230°C			If no oils or oxides are present, cell sides may begin to discolour. Spalling of galvanized steel begins to occur.
260°C		Seperators turn golden brown.	
275°C		Seperators are soft. Above 275°C (upto 385°C) they return to original colour.	
320°C	All binder is burned off. Media changes back to white. Glue dots used to bond seperators to pleats are gone.		

Note: For the effects of high temperatures on VariCel HT filters with aluminized cell sides see leaflet no. 545.

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