



## Graver Technologies

### QUALITY CERTIFICATE CERTIFICATE OF CONFORMANCE ZTEC WB Filter Elements

Product Construction:	Support Material:	Polypropylene		
	Filter Media:	Polyethersulfone		
	Filtration Area:	Approximately 7.5 square feet / 10 inches		
Minimum Efficiency	0.2, 0.45, 0.65, 1.2 micron	99.98% ISO Fine Test Dust		
Sanitization:	Product can withstand:	Hot Water at 176°F (80°C) at max of 1 psid for 30 minutes. Inline Steam at 257°F (125°C) at max of 5 psid for 30 minutes. Autoclaving at 257°F (125°C) for 30 minutes.		
Integrity:	100% by diffusion in water			
	Pore Size	Max Diffusion (SCCM)	Published DF	Published BP
	0.2	< 35 ml/min @ 20 psig	< 35 ml/min @ 21 psig	> 26 psig
	0.45	< 35 ml/min @ 17 psig	< 35 ml/min @ 16 psig	> 20 psig
	0.65	< 35 ml/min @ 14 psig	< 35 ml/min @ 14 psig	> 17 psig
Expiration Date:	4 years from ship date providing filters are stored unopened in a dry and ambient environment. Ideal temperature is 25°C.			
USP Class VI	Meets USP Class VI Biological Test for Plastics			
FDA Listed Materials	All Materials comply with FDA Title 21 of the Code of Federal Regulations Sections 174.5, 177.1520, and 177.2440 as applicable for food and beverage contact.			
European Directive for Direct Food Contact	European Regulations No 1935/2004, European Regulation 10/2011 and European Regulation 2023/2006: Tested for migration behavior in direct food contact. Minimal rinse required for use. GMP is utilized to make the filters. Data available upon request.			

Graver Technologies certifies that the ZTEC-WB Filter Elements are produced and distributed according to a Quality Management System that is registered for compliance to EN ISO 9001:2015. All data concerning materials used and production data are documented and accessible under the individual lot number.