



New Star
Environmental LLC

"Providing Instrumentation for Air Quality"

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Hi-Vol Filters

These nominal 8 x 10 inch filters are typically used with high volume air samplers as specified in 40 CFR Part 50, Appendixes B (TSP) and J (PM10).

Appendix B - Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere (High-Volume Method) specifies **glass fiber** or other relatively inert, nonhygroscopic material with a collection efficiency of 99% minimum as measured by the DOP test (ASTM-2986) for particles of 0.3 μ m diameter.

Section 2.11 - Reference Method for the Determination of Particulate Matter as PM10 in the Atmosphere (High-Volume PM10 Sampler Method) of U.S. EPA's Quality Assurance Handbook states that the **microquartz fiber filter** is currently the only commercially available filter that satisfies all criteria specified in 40 CFR 50, Appendix J.

Product ID #:

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