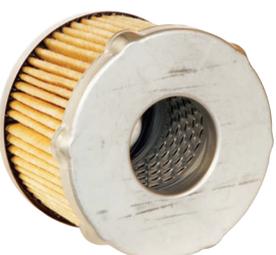
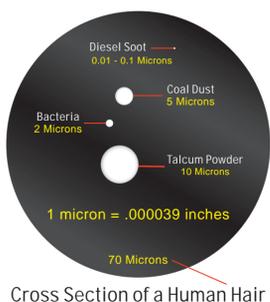




Filtering out the Difference

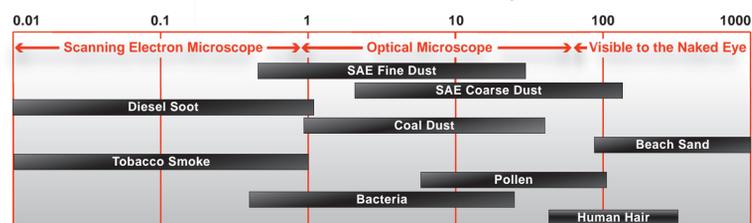
Bobcat filters are built to maximize equipment life.

	Bobcat Filter	Competitive Filters*
Canister Assembly	 <p>Up to 40% thicker metal housing for superior durability and burst strength.</p>	 <p>Thinner metal housing is susceptible to filter damage and bursting.</p>
Internal Spring	 <p>Heavy duty spring holds the filter cartridge firmly in the center of the canister to provide the smoothest flow performance.</p>	 <p>Spring bypasses are vulnerable to breaking and they don't hold the cartridge as tightly in place.</p>
Filter Media	 <p>Filter media is uniformly pleated and spaced to increase filtration surface area by using up to 40% thicker media to ensure the right balance of filter efficiency, capacity, and pressure drop as specified by Bobcat Engineering.</p>	 <p>Inconsistent and fewer media pleats reduce the filtration capacity area. Competitors use thinner media, which limits its holding capacity. With lower micron ratings, other filter media may not effectively contain contaminants.</p>
Internal Bypassing	 <p>Internal bypass is a pressed board seal that provides a tight enclosure and protects against internal leaking.</p>	 <p>Bypasses do not fasten as tightly and may leak oil into the system without passing through the filter media. Some brands even lack bypasses.</p>
Seal	 <p>Wide one piece seal provides maximum coverage area to protect against leaks.</p>	 <p>Seals may pull double duty as a bypass, or made of more than one piece creating the opportunity for leaks.</p>
Media Construction	 <p>Filter media is deeply embedded in plasitol and metal end cap wraps around to hold media securely. Internal out flow is designed to maintain pressure of fluid leaving the filter.</p>	 <p>Some competitive brands use glue to adhere media to paper end caps without a ledge, making the filter susceptible to moisture and leakage. Out flow may limit fluid leaving the filter.</p>
Inlets	 <p>Greater number of large inlet holes enables better flow through the Bobcat filter. Spin-on Bobcat filters have deeper thread engagements for a secure fit.</p>	 <p>Smaller inlet holes that are not as numerous may constrict flow on competitor filters. Fewer thread engagements may cause the filter to be easily stripped off.</p>



How do micron ratings relate to filters?
 Micron ratings are assigned to filters based on the particles sizes it can contain. Because filter media can vary, so can the ability to capture harmful contaminants. It is crucial that systems are correctly matched with specific micron rated filters to ensure dangerous contaminants are captured.

Micron Particle Size Comparison



*Note: The outer canisters of competitive filters have been digitally altered to remove brand information. Internal construction may vary by manufacturer and type of filter.

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