PURITAN®

The Confidence Cartridge™



For the greatest confidence in your solvent maintenance system, choose PURITAN.

Carbon-Core Cartridge for Standard Format Filter Systems

Your customers rely on you to get their clothes clean and looking like new. While garment care professionals who insist on the highest quality cleaning choose the safety, effectiveness and convenience of cartridge filtration, they understand that the quality of the cartridge is the most important element to delivering consistently clean solvent. That's why more drycleaners depend on PURITAN.

The PURITAN Carbon-Core cartridge is designed and built to trap more dirt than any other standard size cartridge. The inner core contains only high quality activated carbon that is vibratically filled to capacity for more efficient and effective dye adsorption. The unique balance of the finest materials and construction means the PURITAN Carbon-Core Cartridge will provide the best performance every time. Because it's a PURITAN, you can have confidence that it will consistently deliver clean solvent, cleaner clothes, happier customers and a more profitable business.

• Specially Pleated Design & Spacers Hold More Soil

The PURITAN Carbon-Core Cartridge is different from other standard size cartridges. The specially designed pleats and mileage spacers greatly expand the filtering surface area and ensures every square inch is available for trapping soil. This means the PURITAN Cartridge provides more effective and efficient insoluble soil removal.

• Premium Filter Paper

The PURITAN Carbon-Core Cartridge contain specially designed paper with ultra-fine pores to filter our even the smallest soil particles. The paper is also treated with a thermosetting resin which makes the paper durable, even when wet, so it holds up under the pressure of solvent flow.

• Vibratically Filled Core

The adsorptive core of the PURITAN Carbon-Core Cartridge is vibratically filled to capacity with only high quality activated carbon for optimal dye removal. This means no head space or channeling will occur with shipping, handling or use therefore preventing bypass of dye laden solvent.

• High Strength Shell for Effective Performance

The metal shell, ribbed to provide greater strength, protects the filter paper from damage during shipping, handling and installation. It has a specially designed pattern of perforated holes to assure unrestricted solvent flow through the entire cartridge for effective removal of insoluble soil.

• Prevents Soil Bypass

The paper ends are sealed in a bed of adhesive and bonded to the endplates while the side seam consists of a full pleat overlap that is interlocked and sealed with adhesive to prevent soil bypass and ensure structural integrity.

• Protects Against Carbon Leakage

An exclusive louvered, spiral, steel lock-seam center tube is permanently bonded all around and mechanically locked into the cartridge endplates. This provides extra strength and protection against carbon leakage. Handles are attached without piercing holes in the outer shell for additional leakage protection.

• Sturdy Construction & Quality Assurance

PURITAN's superior design and construction is inspected and re-inspected to ensure consistent excellence. You can be assured the PURITAN Carbon-Core Cartridge will provide the best performance every time.



Instructions for maintaining solvent quality with PURITAN® Carbon-Core Cartridges

The most important element for reliable, consistently clean solvent is the quality of the cartridge; that's why more drycleaners depend on PURITAN.

When to Change PURITAN Carbon-Core Cartridges

Solvent flow rate is the best method for determining when to change cartridges. Replace cartridges when fill time through the filter exceeds 1.5 minutes to reach working level, or when pressure reaches 40 psi.

How to Change Spent PURITAN Carbon-Core Cartridges

- 1. Follow filter system manufacturer's instructions for solvent recovery from spent cartridges.

 Allow cartridges to drain at least 24 hours. *CAUTION: Check the solvent storage capacity of your drycleaning system before draining filters.*
- 2. Before removing spent cartridges from their housing, consult the solvent SDS for safe handling information.
- 3. Remove spent cartridges and felt gaskets from the housing. As spent cartridges will retain residual amounts of solvent, care must be taken to prevent spilling or dripping solvent. Handle in accordance with all federal, state and local regulations governing disposal.*
- 4. Install new PURITAN Carbon-Core Cartridges and felt gaskets. *Be sure that all felt gaskets are secured in place to prevent soil bypass and all housing gaskets are properly fitted to prevent leakage.*
- 5. Reinstall cover(s) and check all valves for proper setting. Close all drain valves and air vents.
- 6. Fill filter and circulate, bleeding air vent lines until filter is liquid filled.
- 7. Circulate solvent through the filters for 15 minutes or until the sight glass clears, whichever occurs last.
- 8. Clean 2 or 3 dark loads before cleaning a light or white load.

How to Obtain Maximum Cartridge Life

- 1. Follow filter manufacturer's operating instructions.
- 2. Use the correct high-head pump for the filter. Periodically check the dead-head pressure to be certain that it is operating correctly.
- 3. Have a filter sized so that the solvent flow rate is less than four gallons per minute per cartridge.
- 4. Throttle the initial flow rate so there is one minute washer fill time (10 solvent changes per washer cycle).
- 5. Fill times in excess of 1.5 minutes will result in excessive redeposition.
- 6. Do not exceed 40 pounds of pressure as this could damage cartridges. Additional pressure will produce only minimal additional mileage.
- 7. Maintain solvent temperature at 80°F and distill a minimum of 5 gallons per 100 pounds of cleaning.
- 8. Vent the air from all filter housings daily.

How to Order PURITAN Carbon-Core Cartridges

PURITAN Carbon-Core Cartridges and gaskets are sold by authorized Street's distributors everywhere. Order PURITAN cartridges in cases of four.

For professional drycleaning use only.

*Spent cartridges containing solvents classified as hazardous should be handled as hazardous waste and disposed of in accordance with applicable federal, state and local regulations governing waste disposal.

Advancing the Technology of Clean™

