

MAINTENANCE INSTRUCTIONS PTFE Coated Screen Separator Cartridges

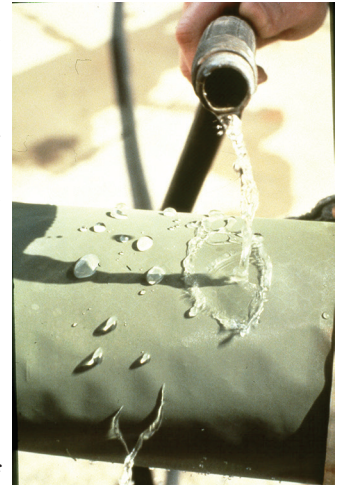
1. Throughout the entire procedure, **AVOID LETTING THE SCREEN COME INTO CONTACT WITH YOUR BARE SKIN**, particularly after the cartridge has been cleaned. Hold the cartridge by the end-caps. If necessary to handle the screen during removal or installation, use a clean, dry, non-abrasive material, such as a poly-bag from one of the coalescers, between your hand and the screen. Open vessel after making sure the vessel is completely drained.



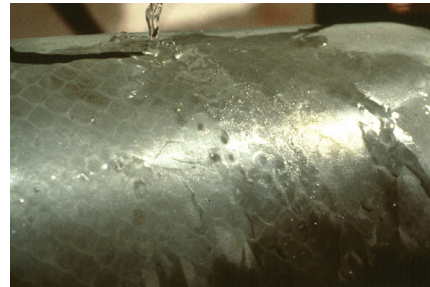
2. After removing the cartridge from the vessel, submerge it in clean fuel and gently scrub the entire screen surface with a soft bristle brush or a lint free cloth.



3. **SURFACE INSPECTION.** Holding the cartridge by the endcaps, visually inspect the entire surface of the screen for any nicks or cuts. If there are any visible flaws, they should be patched (see Step 6).
4. **WATER TEST.** Be sure that the separator is **fuel-wetted** before performing this test. Hold the cartridge by the end-cap at an angle, and gradually pour water over the entire screen surface. Do not spray the water and do not let it fall more than a distance of three inches before contacting the screen.



The water will bead and roll off the surface of properly functioning separators (as shown in the photo above). If this is the case, the separator has passed the Water Test and can be reused.



If any portion of the PTFE coated screen is wetted by the water and the water seeps into the pores of the screen (as shown in the photo), the cartridge has failed the Water Test. The wetted area must be cleaned again (see Step 7), and the recleaned cartridge should pass the Water Test before it is reinstalled.

5. If the separator passes the Surface Inspection and Water Test, rinse it thoroughly in clean fuel to remove traces of water. Let the separators air dry prior to reinstalling.
6. If a separator fails the Surface Inspection due to visible nicks, cuts, or other flaws in the screen that can be caused by mishandling, they can be patched if they are smaller than 1/8 inch. Use two-part epoxy base putty.
7. If a separator fails the Water Test due to visible wetted areas, try washing the cartridge with hot water. Use pressurized hot water from a tap or hose and thoroughly spray the wetted area. Scrubbing with a soft brush will often help on stubborn areas. Allow the cartridge to dry, then perform the Water Test again. If the cartridge continues to fail the Water Test, it must be replaced.
8. If gaskets should become dislodged, thoroughly clean gasket and end-cap surfaces with a solvent such as MEK or Acetone. Apply a super glue cyanoacrylate adhesive, such as Bostik #7432, to end-cap. Place gasket onto end-cap, applying pressure over entire surface of gasket. Let dry approximately 30 seconds.
9. **REMINDER** - while reinstalling the PTFE coated screen separators, be sure to avoid handling the screen with your bare hands. If you must handle the screen, use a clean, dry, non-abrasive material, such as a poly-bag. Be sure to remove all poly-bags prior to closing vessel.

NOTE: The above cleaning instructions are also applicable to the Parker Velcon synthetic media separators. These can be cleaned a maximum of two times before they should be replaced.

ALWAYS REPEAT THE WATER TEST TO ENSURE A GOOD PATCH.

BE SURE THE SEPARATOR IS FUEL-WETTED BEFORE PERFORMING THIS TEST.

Proper Handling



Handle Cartridge Carefully and Do Not Touch the PTFE Sides!

Improper Handling

