



# ENVIRO SOLUTIONS

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Systems and equipment for industrial wastewater treatment, recycling, and reuse.

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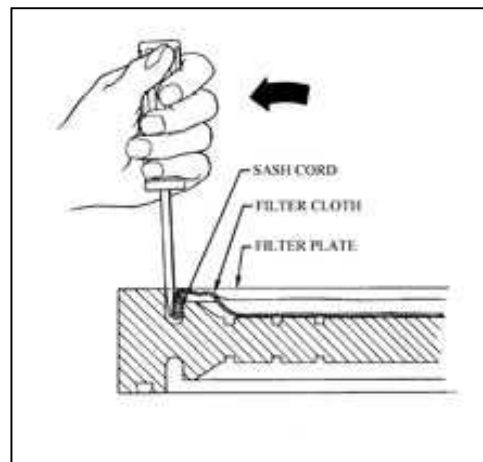
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## How Do I Change My Cloths?

### Cloth with Gasketed CGR:

First, remove the used filter cloth. To remove a filter cloth from a gasketed plate, insert a thin bladed screw driver into the groove at the outer edge of the caulking and pry out a small section of the cloth. Grab the sash cord caulking with a vise grip pliers and pull the remaining cloth out of the caulking groove. Do this on both sides of the plate. Pull the cloth through the center feed eye of the plate. After the cloth is removed, inspect and remove any accumulated solids from the groove before inserting the new cloth.



**Figure 1 Suggested mode removing any cloth CGR/NCGR.**

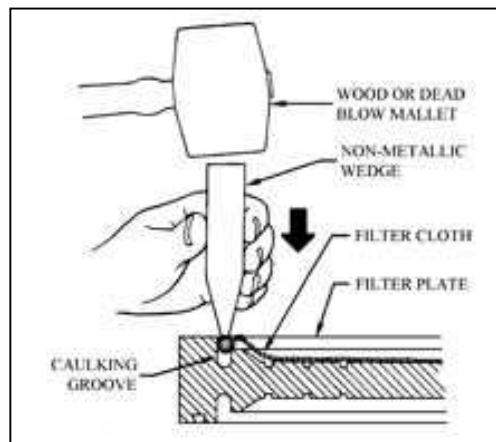
To remove a filter cloth from a non-gasketed plate, use diagonal cutters or snips to cut the ties (if supplied) on the vertical sides and lift each side of the cloth off of the cloth-pins on the top edge of the plate. Pull the cloth through the center feed eye of the plate.

Installing: On both gasketed and non-gasketed plates having a center feed eye with sewn centers, you will need to fold the cloth on one side into a small section so that it can be inserted through

the center feed eye. Once you pull the cloth through the eye, unfold it for caulking on the gasketed plate, or hanging on the non-gasketed plate.

**Coth without Gasketed (NCGR):**

On gasketed plates, place the cloth against the plate and tap in a small section of the sash cord or O-ring on the top to hold the cloth in position. Line up and caulk the diagonal sections first to ensure proper alignment of the cloth. Distribute the caulking one the sides, top and bottom by caulking in the center of these long sections first. Proceed to insert the balance of the caulking, ensuring that the caulking is distributed evenly. Even though there may appear to be a surplus of material, this can be worked in easily.



**Figure 2 Suggested mode of how to install any cloth (CGR / NCGR).**

The tool for installing the retaining material (o-ring caulking and sash cords) is a simple wedge of polypropylene or some other non-shattering type material. The recommended size for the tool is 25mm thick x 75mm wide x 200mm long with one end tapered down to 5/16" (8mm) thick. Do not use a metal wedge since this may damage the cord or filter cloth.

On non-gasketed, lift the cloth over the cloth dogs on top of the plate. Then join the two edges on the sides of the filter plate with wire ties or similar clips.

The next link shows how change cloths a filter press.



<https://www.youtube.com/user/EnviroSolutionsLST>

### **How Do I Change My End Plate Cloth?**

Unlike intermediate filter cloths, the end-plate (head and tail) cloths do not have a sewn-in center feed eye. The end-plate cloths would be installed as described in the previous question; however, the head-plate cloth must have the center feed hold cut before installation.

To do this, remove the old head cloth by first removing the center feed assembly's clip nut. Then, tap the corners of the new end-cloth into the head-plate making sure it is positioned correctly. Cut out the cloth around the center feed pipe using the equivalent of a hot knife, soldering gun or the like. This will seal the edges of the cut to prevent possible fraying of threads in the cloth. After the hole has been cut, finish installing the head cloth, then re-attach the clip nut.