

Equipment Technical Bulletin

ILS Max: Lint Clogging Prevention



PROBLEM

Excessive lint in ILS Max chemical and transport lines can cause performance problems, possibly leading to transport pump failure and service calls.

SOLUTION

To address this problem, the ILS Max now comes with an inline filter built into the manifold between the chemical and transport pumps. However, for maximum performance we strongly recommend the following steps:

Clean Inline Filter

If there is excessive lint in the laundry environment, or if there is other debris in the chemical drum or feed water, this filter can clog. Therefore, we strongly recommend that you clean this filter regularly. To clean, unscrew cap from t-fitting, remove filter and rinse thoroughly under running water.

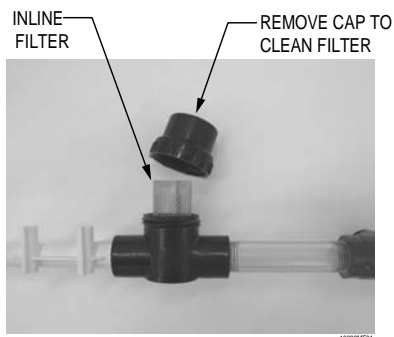


Figure 1. Manifold between chemical and transport pumps, with cap removed an inline filter visible.

Additional Resources

Several inexpensive, commercially-available items can help prevent lint and debris from entering your water or chemical and keep the ILS Max at peak performance.

- Keeping Lint out of Chemical Uptake Line**
Here are some items that you can purchase at any hardware store to keep lint out of the standpipe:

TIE-WRAP AN ALUMINUM LINT FILTER TO THE UPTAKE END OF THE STANDPIPE.

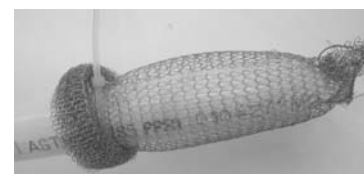


Figure 2. Aluminum lint filter package, tie-wrapped to uptake end of standpipe.

Tie-wrap a nylon filter to the uptake end of the standpipe.

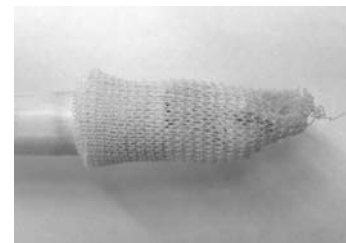


Figure 3. Nylon lint filter package, tie wrapped to uptake end of standpipe.

Attach a stainless steel strainer ("crumb cup") to the uptake end of the standpipe.

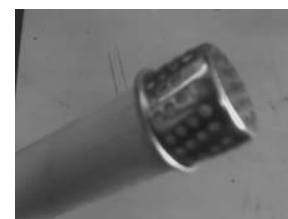


Figure 4. Stainless steel strainer package, attached to uptake end of standpipe.

2. Keeping Lint out of the Chemical Drum

The best way to keep lint out of the chemical drum is to keep the opening covered. Various types of plugs and stoppers are available for this type of application. For best results, we recommend an adapter fitting that is commonly used in home laundry drains. Figures 5-7 show this fitting in its package, slid over the standpipe, and fit onto the top of the chemical drum opening.



Figure 5. Laundry adapter fitting in package.



Figure 6. Laundry adapter fitting placed over standpipe.



Figure 7. Laundry adapter fitting on standpipe, fit onto chemical drum opening.

This plug is the best option, but if you need something immediately and such a plug is not available, you can use duct tape or plastic wrap around the chemical drum opening.

3. Keeping Lint out of the Break Tank

The break tank is also susceptible to lint infiltration and can be a source of clogging for the system. To keep lint out of the break tank, you can use a piece of screen (metal, fiberglass or plastic screen all work well). Cut screen to approximately 34 x 7". Use tape to hold it in place around the break tank. Double-sided tape (such as carpet tape) works best. Wrap the break tank at the bottom of the screen with duct tape to complete the seal.

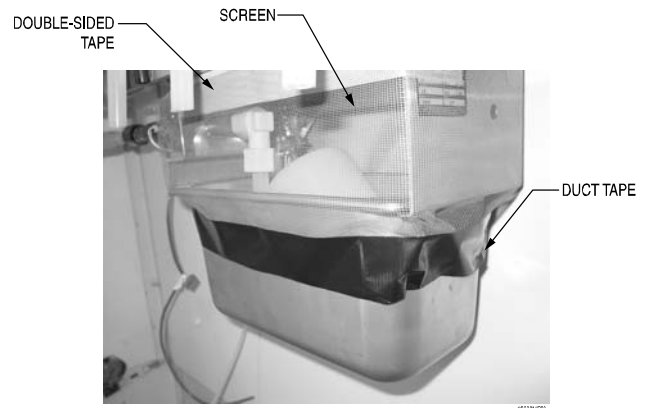


Figure 8. Break tank protected with screen.



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