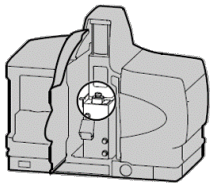


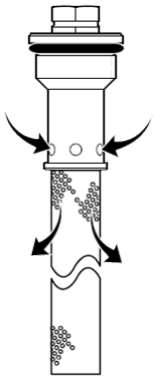
Nordson® Filter Change ProBlue® Melter



Overview

Nordson melters are equipped with a 100-mesh (0.15 mm) disposable hot melt filter. The filter removes debris and char from the hot melt as it flows from the grid. Hot melt flows from the inside to the outside of the filter, trapping contaminants inside the filter. There is no need to back-flush or clean the filter. When the filter reaches the end of its service life, it should be replaced. The factors that determine the service life of the filter are:

- The type, grade, and purity of the solid-form hot melt
- The setpoint temperature of the grid
- The period of time that the hot melt remains in the grid

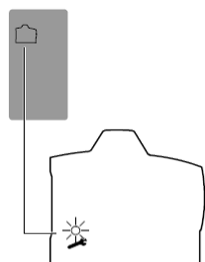


Hot melt flow path

The filter should also be replaced when making the change to a different type or grade of hot melt.

To determine the optimal service life for the filter, monitor and compare the total number of hours that the heaters are on with observations of:

- The purity of the dispensed hot melt
- Increases in operating pressure
- The frequency of applicator nozzle replacement or cleaning



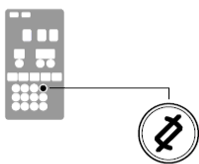
Service LED (yellow)

Monitor Service Interval

The melter can be set up so that the service LED located on the left side of the control panel turns on after a customer-defined time period elapses. The service LED may be used to signal the need to change the hot melt filter or to complete any other customer-specified maintenance activity. Once the specified maintenance is performed, the service LED must be reset.

To reset the service LED

With the melter in the scan mode, press the Clear/Reset key to turn off the service LED and reset the service interval time.



Clear/Reset key

NOTE: The default setting for the service interval is 500 hours. Refer to Operating Parameters to adjust interval as needed.

Always refer to appropriate Nordson® melter product manual to review all safety procedures.

Nordson® Filter Change

ProBlue® Melter

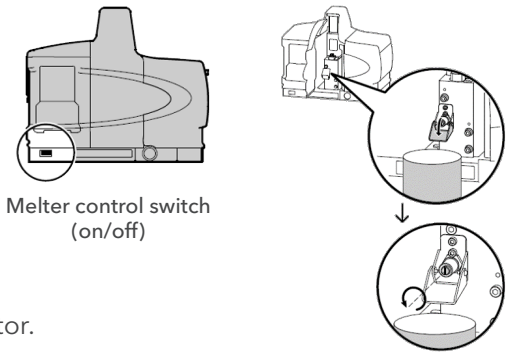


Step-by-step Filter Change

Note: Instructions for replacing the filter are also provided on the inside of the pump enclosure door.

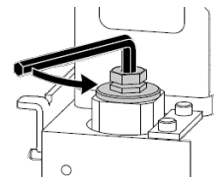
Step 1: Relieve system pressure

- Switch the melter 'off'.
- Lower the drain chute and place a suitable waste container (catch bin) under the drain port.
- Using a flat head screwdriver, slowly turn the drain valve counterclockwise three turns.
- Turn the drain valve clockwise until seated (valve closed) and wipe and raise the drain chute.
- Trigger each applicator until adhesive no longer flows from applicator.



Step 2: Remove Filter

- Use 8mm hex wrench, or adjustable wrench to loosen filter (counterclockwise).
- Remove filter
- Dispose of filter

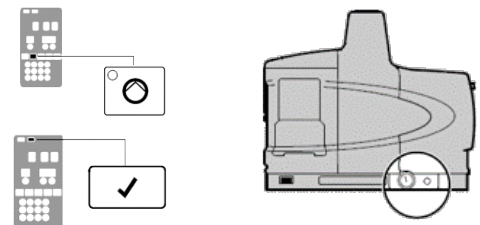


Step 3: Replace Filter

- Confirm O-Ring on new filter is in good condition.
- Use 8mm hex wrench, or adjustable wrench to tighten filter (clockwise) in pump body to 40 in-lb

Step 4: Resume Operation

- Switch melter 'on' and allow to resume operation temperatures.
- When the system reaches Ready status, verify the Pump indicator is lit to pressurize system.
- Verify no adhesive is leaking from drain port or filter seat.
- Monitor pump pressure.



Essentials needed for this job

Protective Gear:

- Safety Glasses
- Heat Resistant Gloves

Tools:

- Flat Head Screwdriver
- 8mm Hex Wrench or Adjustable Crescent Wrench
- Catch Bin Tray

Parts:

- Replacement Filter