

## Technogram 5

### This is a series of Industrial Information Sheets relating to Hot Adhesive and Machines associated with applying it.

The following information relates to the Pro Built Melters, the Nordson 3000 Series, Nordson ProBlue Series with 14:1 and 21:1 pumps



Changing the Saturn In-Line Filter and the E – Z Filter This Filter is fitted between the Hose and the Gun



Hot Adhesive Systems are equipped with an In-Line Filter. The filter prevents contaminants and char from entering the hoses or the extrusion guns.

The In-Line Filter **MUST** be changed on a regular basis.

A contaminated In-Line Filter will cause in-line filter blockages, poor adhesive flow, blocked nozzles and production loss.

The **CORRECT** Procedure to change an In-Line Filter is as follows:

1. WEAR safety gloves
2. WEAR safety eye wear, clothing covering exposed skin & safety footwear
3. REDUCE pump air pressure to “ 0 PSI “
4. OPEN drain valve over a suitable container. Unscrew in a counter clockwise direction
5. INCREASE the pump air pressure until a clean and steady flow of hot material flows from the drain valve.
6. Reduce pump pressure to Zero. Lock out air supply. Leave drain valve open.
7. Using a 16mm spanner (E – Z Filter) or a ½ inch spanner (Saturn In-Line Filter) to undo In-line Filter Fitting.
8. Remove Old Filter from the filter housing.
9. Fit new filter, apply a small amount of grease to the O-Ring and tighten filter assembly into the housing.
10. After In-Line Filter Change is completed, CLOSE drain valve in a clockwise direction.
11. Slowly INCREASE pump air pressure and CHECK for leaks.

