

# Avery Dennison®

## TrafficJet™ 1638 Printer Maintenance

Instructional Bulletin #8.62

Released: April 2014

### Maintenance on the TrafficJet™1638 :

Following are the recommended maintenance procedures to be performed periodically on the TrafficJet 1638 to prolong the life of the printer:

1. **Pressure Rollers and Platen** Should be cleaned monthly or as needed by visual inspection. Lint free cloth and isopropyl 99% is good. Damaged or cracked rollers should be replaced.
2. **Bearing Races** Clean the bearing races at least twice a month. Wipe races with lint free cloth wet with isopropyl alcohol. Lube bearing races with a very light film after cleaning.
3. **Nozzle Check** Perform daily prior to printing or whenever it has been sitting for a couple hours or overnight without printing or when colors appear incorrect. Perform cleanings as required to correct missing or misdirected nozzles. Always do a nozzle check after any head strike.
4. **Capping Station and Wiper** Clean with cleaning solution and lint free cloth weekly. Wipe any excess ink seen around capping station and print-head rest location.
5. **Cleaning Around the Print-Heads** This should be carried out daily. Select CR Maintenance to send print head carriage to LEFT door. Open door, and clean **around** both the print-heads with lint free swab and cleaning solution. **Be careful not to touch the face of the print-heads.**
6. **Banding** Light banding due to missing or misdirected nozzles. Light banding caused by stretched image data due to "PF Adjustment" setting being too low. Dark banding caused by incorrect "Platen" heater settings being too low. Dark banding caused by image data passes overlapping due to "PF Adjustment" setting being too high.
7. Do not recommend shutting down the printer when the inks are loaded in the lines. Keep the printer "ON" at all times.
8. Recommend setting the printer to Auto-clean every 1440 minutes (once a day). This will ensure that the ink does not dry out in the lines.
9. Gently pull out the ink cartridge from its slot and gently shake it once a week to ensure that the ink does not settle down.

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10. To ensure long life of the printer and the print-heads, Avery recommends running the printer as frequently as possible. If the printer will not be used for more than 7 days, Avery recommends performing Longstore (flushing out the inks) and turning the printer off after this procedure is complete. When the printer is turned back on after the shut-down period, an ink charge will have to be performed.
11. Highly recommend to use dedicated slots for dedicated colors. For example, at the beginning of the install, have a clear plan with the customer on which slots that would like for which colors. If they are not sure on the usage of each inks, its OK to load flush instead of an ink. For example Slot 1 & 2 can be for Black, Slot 3 for Green, Slot 4 for Yellow, Slot for Red, Slot 6 for Blue and Slot 7 for Brown, Slot 8 can be left empty. Now that we only are offering Black, Blue & Green, its completely fine to just load the 3 inks and leave the remaining slots filled with Flush.
12. It is not recommended to mix different colors in the same slots even after Longstore (Flushing out the lines). This is because, even after flushing out the lines, it is quite possible to have the previous ink pigments in the lines, which may mix with the new color ink pigments causing a potential coagulation. The chance of this happening is low, but the chance always exists. So, avoid it as much as possible.

The above Avery Dennison literature provides information to the user for proper application, storage, and other requirements. Please refer to Product Data Bulletins or your local Avery Dennison Representative for warranty information. Find the latest information on the Avery Dennison website, [www.reflectives.averydennison.com](http://www.reflectives.averydennison.com). We encourage you to check our website periodically for updates.

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