

### Addendum B: ProSeries Printhead Packing Instructions

**Purpose:** This procedure documents the proper packing procedure for ProSeries Printheads.

**When:** This procedure should be completed wherever a ProSeries printhead is removed from a production line for shipment or storage.

**Applies to:** All ProSeries Printheads except the ProSeries NP192.

#### Precautions:



**N-Propanol is a flammable substance!**



**Always disconnect power when servicing equipment!**



**Wear safety goggles and gloves when working with industrial inks or solutions.**

#### Materials that MAY be required during procedure:

Part Number	Description	
X30001-001	Lint-free Wipes, 9" x 9", 300/Pack	(USE WIPE ONLY ONE TIME)
5760832	Lint-free Swabs, 100/Pack	(USE SWAB ONLY ONE TIME)
5760695	Cleaning Spray, N-Propanol, 2/Pack	
X40008-001	Reservoir Ship Cap, V300	
X40008-002	Reservoir Ship Cap, AM	
5760536	Reservoir Ship Cap, STII	
2464635	Long-Term Shutdown Kit for ProSeries AC/384/768 printheads	
5760807	Orifice Cover Plate for ProSeries 384 and ProSeries AC Printheads	
5760813	Orifice Cover Plate for ProSeries 768 Printheads	
2460703	Orifice Cover Plate for ProSeries 96, 192 and 352 Printheads	
2464134	APS Shipping Bottle	
2462056	Shipping Box for ProSeries 768 Printhead	
2462035	Shipping Box for ProSeries 384, 96, 192, 352 and AC Printhead	

#### Acceptable Environmental Conditions (as of 04/2008):

##### **Operating Conditions – defined by heads installed on production line and connected to a controller**

Maximum exposure:	N/A - Ink should be used within one month
Temperature:	50°F - 104°F (10°C to 40°C)
Relative Humidity:	20% - 80% (non-condensing)

##### **Storage and Shipping Conditions – defined by heads in-transit or stored in OEM packaging**

Maximum exposure:	Up to 6 months (SEE IMPORTANT NOTE)*
Temperature:	32°F - 109°F (0°C to 43°C)
Relative Humidity:	5% - 90% (non-condensing)

\*MUST have long-term storage orifice gasket installed; otherwise maximum exposure is reduced to 2 weeks. As of 03/2008, all heads shipped from FoxJet production and repair facility have this gasket installed.

### Procedure:

1. Shutdown controller and disconnect power.
2. Allow the printhead to cool down for ten minutes before proceeding.
3. Remove the ink bottle, install the reservoir ship cap. (See above for spares, if necessary)
4. Clean the printhead front plate with N-Propanol and a foam swab to remove ALL debris from the CP/OP.
5. Tilt the system forward to wet the surface of the orifices with ink. This will allow the orifices to remove the N-Propanol spray and properly flush with fresh ink. It will also hold the gasket in place while the orifice cover plate is installed.
6. Place the appropriate Orifice Gasket onto the print engine such that it covers the print engine orifices.
7. Assemble the Orifice Ship Cap to the printhead faceplate sandwiching the orifice gasket to the print engine. Please note that the correct Orifice Ship Cap is used for with the correct Printhead. Screw-On Ship Caps should be orientated with the flange on the right side of the print engine looking at the front of the orifice plate to insure proper coverage. (See above for spares, if necessary)
8. Remove the vent filter and cover the vent port with the Vent Cap
9. Install an empty APS "Ship" Bottle (if applicable) onto the Ink Separator at the rear of the Printhead
10. Cover engine cap with paper towel and plastic bag.
11. Place rubber band over plastic bag to keep bag secure.
12. Place head in original packing foam and box. (See above for spares, if necessary) Some Head types will require the engine section to be rotated in order to fit properly in the packaging box. This is accomplished by loosening the set screw on the rotation collar of the print engine section.

