Hints to prolong the life of the print head on the MPX-70:

1. Run the Pin Adjust utility in the Head Manager which is located in the Dr. Metaza2 program group on the 60x60mm brass plates that came with the unit.   This will calibrate each pin so that when you switch from one to the other differences in the output are reduced.

2. Use Software Templates for your materials. The templates provided on the Roland Site are based on EIM material (www.eimimage.com). If you're using another vendors material either obtain templates from them or scan the material and make your own.

3. Set the head height for each individual piece. Even if items are 1.5mm, 2mm, etc... there can be slight variations in the coatings which are enough to cause the head to scratch or print too lightly.   Setting the head each time will ensure consistent prints.

4. When setting the head, press the metal part in the middle and not the plastic. Also press it with a feather touch to the surface and finger tighten the knob.

5. Do not print off the edge or over the hole of a tag. Refer to the software video for an overview of the preferences.

6. Clean the rubber pad at the beginning of each day with some warm soapy water and pat dry. This will ensure that the material sticks to the surface of the pad properly and not shift. Shifting material can cause head damage.

7. Ensure you're selecting the proper material type in the driver. Refer to the video on the support site.

8. If using thin materials like Gold and Silver that have a hard time adhering to the pad, use double stick tape and apply the material to a piece of acrylic.

If you follow the above procedures/processes, you should be able to produce approx. 400 (20mm x 30mm) images on nickel/rhodium plated materials (based on the 30x49 dogtag) per pin which would be approx. 3600 tags per head.