



January 20, 2019

Memo regarding extended Ink Storage:

Memjet storage and transportation for Versapass DG, DN and DT formulation **inks** and guidance on likely performance if held beyond specified storage period.

Ink Cartridges and Drums: (All Sizes)

Transportation Specs IEC 60721-3-2 Class 2K3

-25°C to + 70°C

95% humidity at 40°C "

Based on maximum 72 hrs exposure at the temperature extremes.

Storage Specs IEC 60721-3-1 Class 1K3.

- 5°C to +45°C

5 - 95% humidity"

2 years from date of manufacture

Comment on sub zero Ink Storage/Transport conditions:

Inks should tolerate such extreme conditions. Before use, the inks should be brought to room temperature and ink cartridges given a gentle shake to remix the ingredients. The amount of agitation that occurs during handling on installation in the printer is likely enough. If inks are cold on startup of the printer, they will not have proper viscosity and firing behavior could be affected.

Comment on longer ink cartridge storage (beyond specification):

If the storage has been at typical room conditions (15°C to 35°C), 2.5 year shelf life should be realized.

Failure due to exceeding shelf life:

Failure due to exceeding ink shelf life would primarily evidenced by degradation in print quality associated with earlier than normal printhead failure (for example: a change in ink pH which could lead to material compatibility problems or corrosion of printhead components). The rate and failure mechanism however is not readily predicted.

