

-80 Degree Celsius Testing Report

The cold storage testing was conducted on the following two MicronPlus pattern adhesive products:

- Silicone 10 mil Mat, 6514-U Series
- PTFE 2 mil Seal Film, 2214-U Series

Method:

One set of 96-well round collection plates were covered with 6514-U, 10 mil Silicone Mats, and another set were covered with 2214-U, 2 mil PTFE Seal Films. These plates were stored in -80 degree Celsius environment for 30 days. During this time, the plates were thawed in room temperature 4 times and put back again in -80 degree Celsius storage.

Result:

MicronPlus pattern adhesive Silicone mats (6514-U) and PTFE seal films (2214-U) performed well, keeping their integrity throughout the process and adhering to the entire surface of the plate with no evidence of lifting at the corners.

