



# Ultra Digital® Layflat Photo Pages with FlexBind® Technology

for HP Indigo Digital Presses

## Archival Quality Raw Materials

FlexBind® sheets are made entirely from archival quality materials enabling bound volumes to last for generations.

The three main components of a FlexBind® sheet, paper, film and adhesive, are all verified through manufacturer testing to meet or exceed aging requirements.

FlexBind® lamination adhesive can also be found in outdoor applications where the adhesive strength and durability over time is compounded by the fact that the exposure to the elements is severe. Testing for these applications warrants extreme conditions such as accelerated aging with QUV/weather-o-meter testing and even an actual 1 year outdoor sunlight exposure test, all of which demonstrated excellent non-yellowing and non-degrading characteristics. These rigorous tests far exceed the conditions required by bound books under normal use.

FlexBind® paper is acid free and pH neutral.

FlexBind® laminate is an acid free PET. The maximum recommended service temperature is 300°F for PET; furthermore, it is over 99% dimensionally stable at 220°F.

The following testing was done on the completed FlexBind® product utilizing an Environmental Chamber and freeze-thaw testing equipment.

Test Method	Duration	Degradation	Pass/Fail
Humidity Testing (120°F at 80% RH)	48 hours	None	Pass
Heat Testing (180°F)	48 hours	None	Pass
Freeze Testing (20°F)	+1 year	None	Pass

The lamination strength of FlexBind® is unaffected by normal temperature and humidity extremes expected during normal use.

For further questions regarding the archival nature of FlexBind® Sheets, please contact GPA at 800-395-9000.



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