

DESIGNTEX

The following styles are printed on Designtex's DNA Substrate and are included in the scope of the attached ASTM D6866 Biobased Content test certificate.

3024 - Roll With It
3074 - Output
3075 - Bitmap
3121 - Gouache A
3122 - Gouache B
3123 - Gouache C
3124 - Gouache D
3168 - Unwind
3876 - Rake
3968 - Plaster
6568 - Birch Bark Stripe
6581 - Bocce
6582 - Bocce Block
6583 - Bocce Plaid
6627 - Henrik Wall
6639 - Aksel Wall
6641 - Shibori Stripe Wall
6642 - Shibori Flower Large
6649 - Shibori Flower Small
6667 - Wallflowers
6668 - Leafery
6675 - Zipper
6676 - Zip Line
6677 - Zip Code
6681 - Gradient
6682 - City Grid
6692 - Hester
6693 - Ludlow
6713 - Beguiled By The Wild Walls
6726 - Paint Dot
6727 - Color Bars
6730 - Ikat Dot

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6746 - Air Wall
6747 - Ikat Spot
6748 - Orbit
6749 - Resurfacing
6750 - Fragments
8529 - Parquet
8538 - Fellowship
CW11 - DNA Non-Vinyl
DW11 - DNA Non-Vinyl



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Certificate of Analysis

April 10, 2025

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Listed below are the results for the ASTM method D6866-24 Radiocarbon (^{14}C) determination with the stable carbon isotope ratio ($\delta^{13}\text{C}$) analyses and their correction for the following sample received by our laboratory on 3/19/2025 and completed on 4/7/2025.

Sample ID/USDA#	^{14}C (Meas.) (pMC)	SD	$\delta^{13}\text{C}$ (‰ VPDB)	^{14}C (Corr.) (pMC)	% Biobase Carbon	SD
DNA Substrate Sample, No Lot#	49.57	0.23	-27.05	49.78	50	1

Percent Biobased Carbon is determined from the measured ^{14}C in percent Modern Carbon (pMC) and corrected for isotopic fractionation based on measured $\delta^{13}\text{C}$ value (‰ V-PDB). The corrected ^{14}C activity in pMC is then divided by the 2025 reference ^{14}C activity of 99.4 pMC, which represents the equivalence to the 1950 ^{14}C reference activity of 13.56 dpm/gC corrected for bomb-produced ^{14}C , and finally multiplied times 100. The % Biobase Carbon and Standard Deviation (SD) are rounded to the nearest integer. Measured ^{14}C is normalized using NIST Standard Reference Material 4990C Oxalic acid.

Authorized by,

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C.A.I.S. Invoice No.: [NPI250757]
Certificate#: [DESIGNTEX_3_3818]

