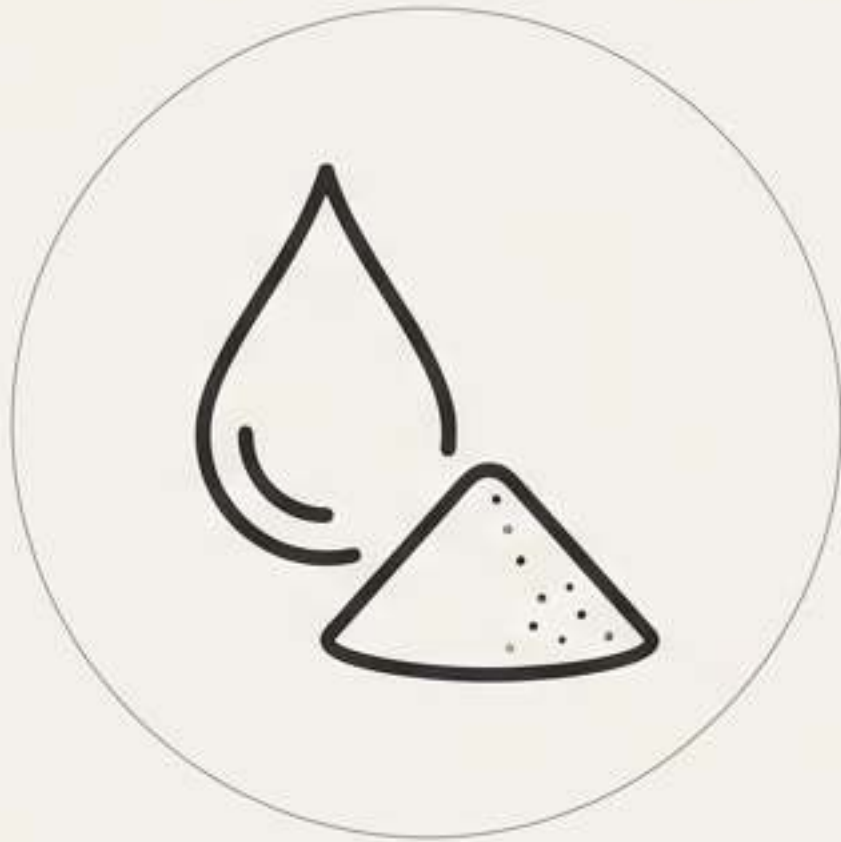


The print was perfect. So why did it fail?



You invested in the best DTF technology. You dialed in your process.
Why does this still happen?

We've all chased the “usual suspects.”



Ink & Powder Quality



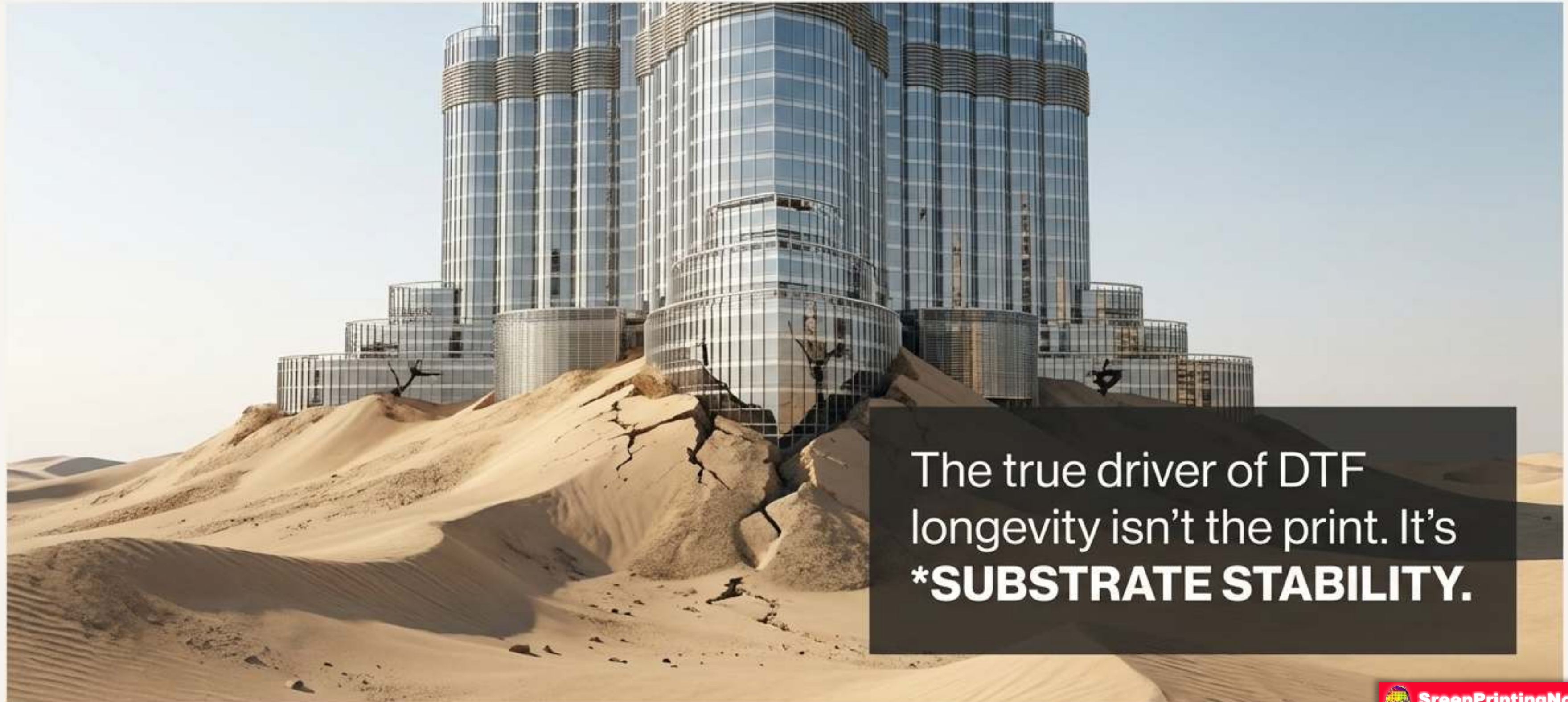
Curing Time & Temp



Heat Press Settings

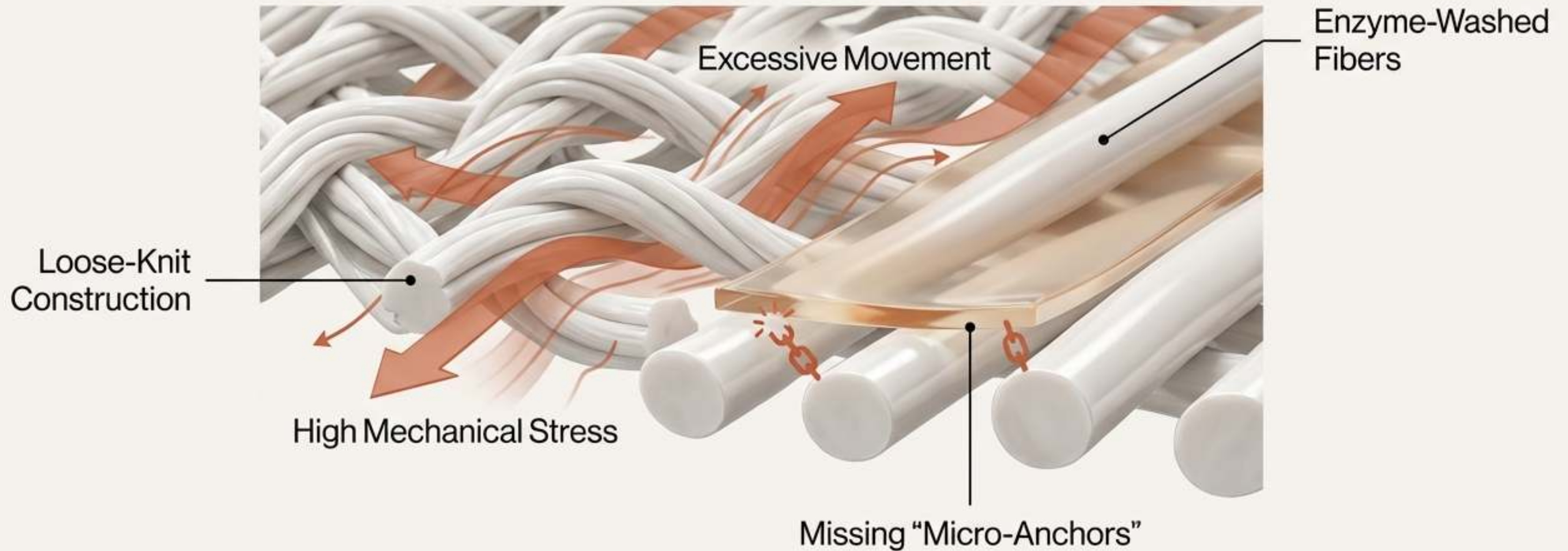
But even with a perfect process, the root cause of failure often hides in plain sight.

The most advanced print is only as strong as its foundation.



The true driver of DTF longevity isn't the print. It's
***SUBSTRATE STABILITY.**

The Anatomy of Failure: 140g Enzyme-Washed Cotton



High mobility + no grip = a recipe for premature cracking and delamination.

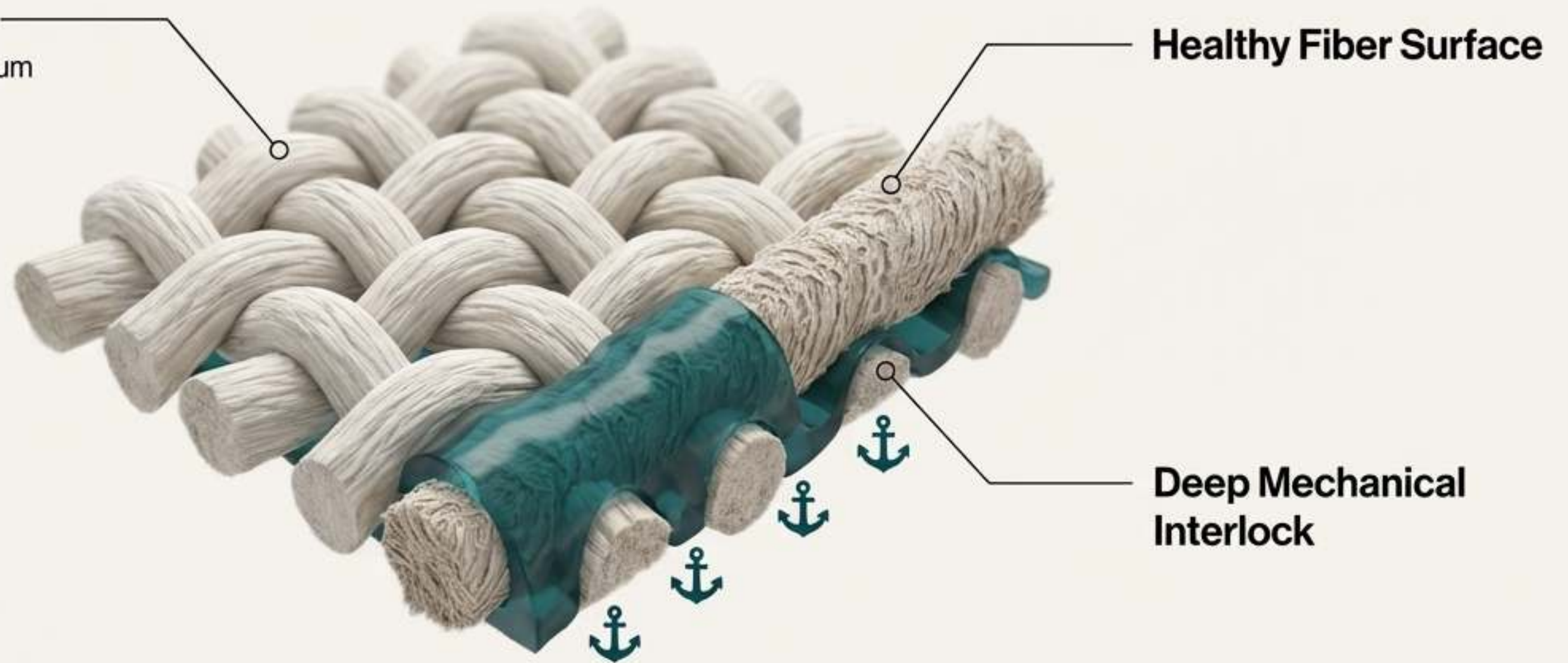
The Foundation for Success: 180g+ Tight-Knit Cotton

Tight-Knit Foundation

Neue Haas Grotesk Display Pro Medium



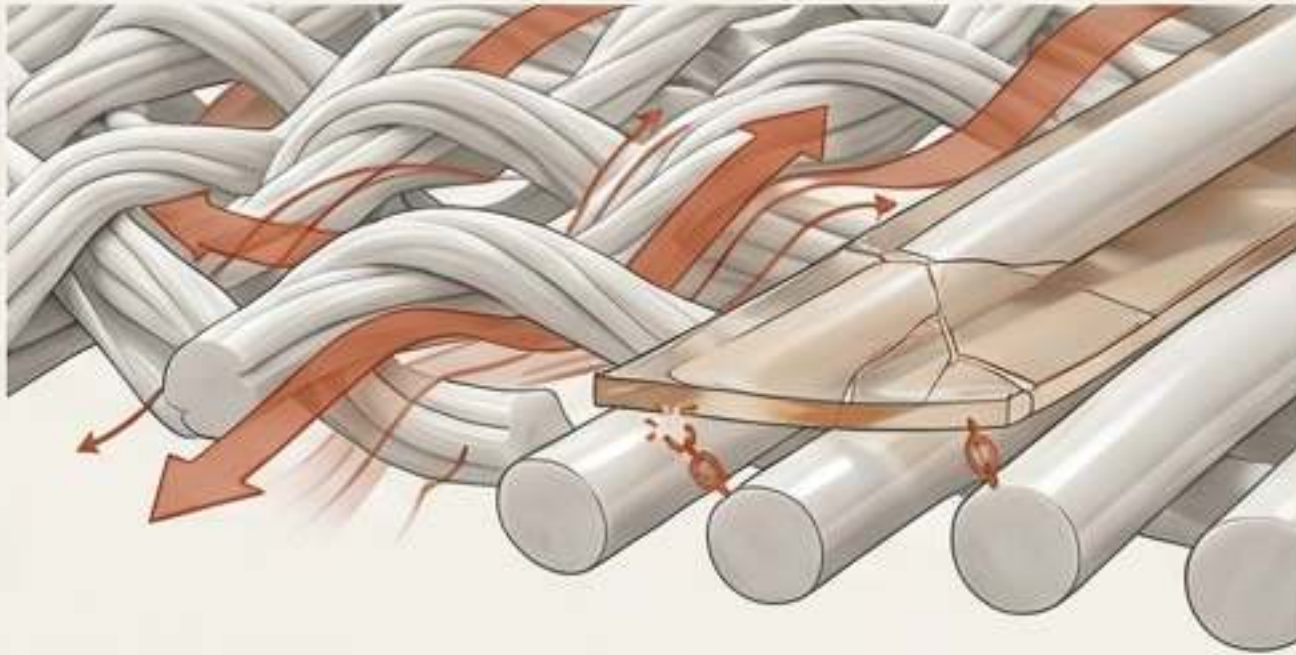
Minimal Stress
Stationary Substrate



Verdict: A stationary substrate with deep fiber grip creates durability that rivals screen printing.

The Decisive Factor: A Tale of Two T-Shirts

140g Enzyme-Washed

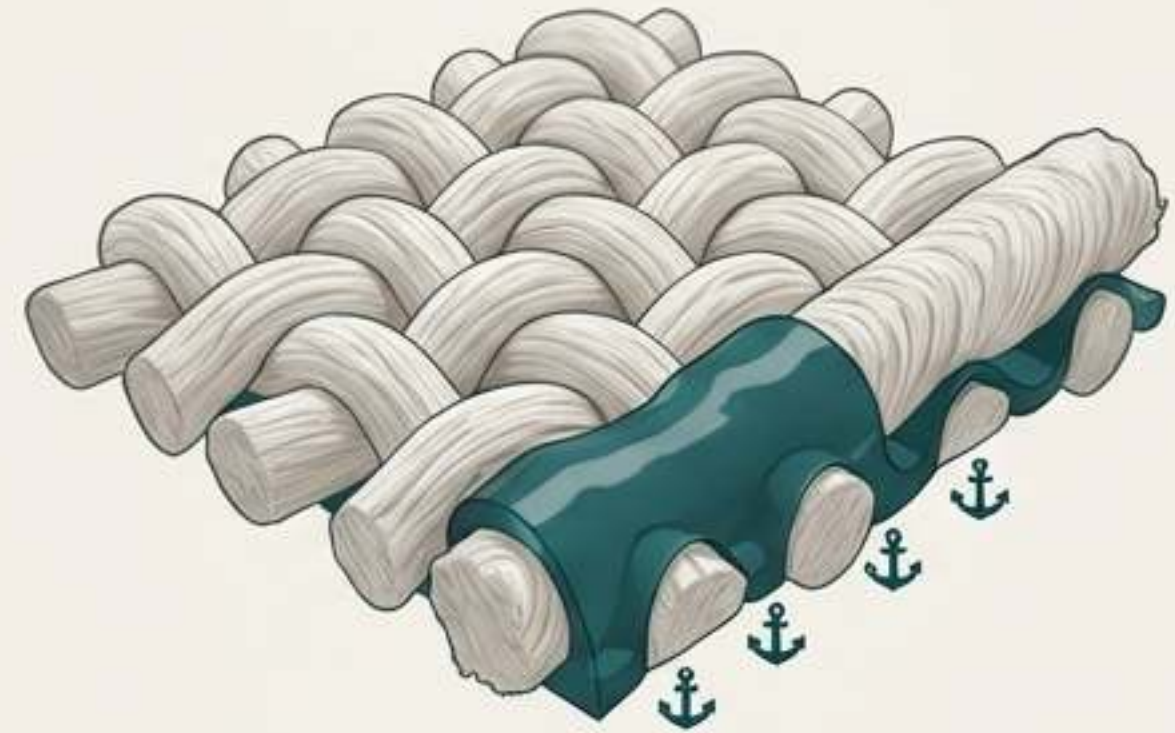


- ✗ Loose-Knit Construction
- ✗ High Fabric Mobility
- ✗ Chemically Stripped Fibers
- ✗ No "Micro-Anchors" for Adhesive

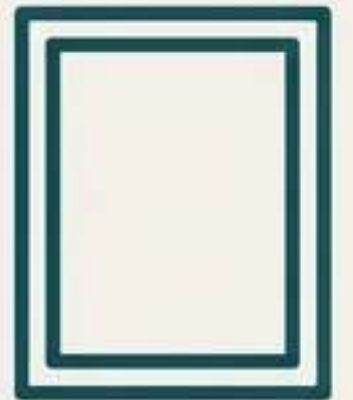


FAILURE

180g+ Tight-Knit



- ✓ Tight-Knit Foundation
- ✓ Stationary Substrate
- ✓ Secure Fiber Surface
- ✓ Deep Mechanical Interlock



SUCCESS

The New Golden Rule for DTF Durability

Prioritize **high-density, tight-knit garments (180g+)**.

The heavier the knit, the more secure the print.

This is the secret to making DTF last.