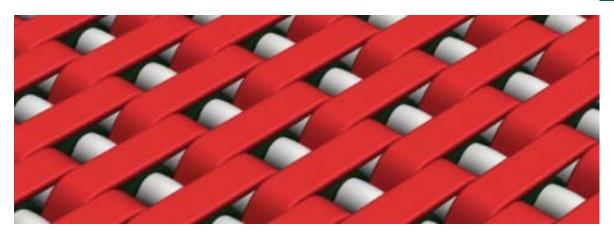**MonoTier™ Plus**

REGION: North America

MACHINE: PM1

POSITION: 2nd Section

GRADE: Uncoated Freesheet

SPEED: 3000 FPM (914 MPM)

OBJECTIVES:

Reduce sheet flutter

BACKGROUND:

- The machine was running conventional woven dryer fabrics. Sheet flutter between the 1st UnoRun and the 2nd Section limited this machine from any significant speed increases.

RESULTS

MonoTierPlus™, with its low air carrying weave structure, reduced sheet flutter immediately after startup. Boundary layer air measurements taken before and after the installation prove the reduced air carrying was evident.

Boundary Air Tests

380 (321)fpm   580 (389)fpm

7   9   11

728 (560) fpm

708 (671) fpm

8   10   12

471 (303)fpm

964 (780) fpm

Black – Before Trial   **Red** – With MonoTierPlus™