CASE STUDY

DRYER – Sheet Handling

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.
CASE STUDY

Black – Before Trial  Red – With MonoTierPlus™