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To: Out Clients Performing Abrasion Tests with Wyzenbeek Equipment

RE: Style 426-ACT, #10 Cotton Duck, Loom State, for use as the Abradant in Abrasion Tests for Upholstery and Other Textiles

Dear Friends and Clients,

Over the years, many upholstery and automotive abrasion tests have been performed using the Wyzenbeek abrasion equipment.

In addition to the 0 grade emery paper often specified as the abradant material, many industry test methods call for the use of 'numbered ducks', loom state, cotton, canvas materials, to be used as the abradant material on the machine. Some automotive methods also call for cotton sateen to be used as an abradant.

As is the case with many other domestic American industries, the textile industry in the US is in a great state of change. Consistency of materials available from long time suppliers has been eroded to such an extent that it is almost impossible to get the same material twice from a single supplier, let alone have any degree of assurance that any two suppliers' materials might be close to one another in their physical properties.

The contract textile trade association, ACT, (Association for Contract Textiles), has taken this issue to task and set some basic parameters for the physical properties of a loom state cotton duck for use as the abradant in upholstery industry methods such as ASTM D4157.

Testfabrics, Inc. now has in stock, our style #426-ACT, a loom state, cotton duck fabric, 60" wide that meets the ACT specifications that follow:

Mass/unit area: 500 +/- 25 grams/square meter (14-15.8 oz/square yard)

Weave type: Plain Weave

Fabric construction: 41 +/- 2 ends/inch in the warp; 28 +/- 1 ends/inch in the filling

Yarn Size: 7/2 cotton count +/- 1 both ways

Air Permeability: Less than 4 cubic feet/minute/cubic foot

Finish: No warp size

We urge any labs performing such upholstery abrasion tests with a Wyzenbeek machine to seriously consider using this fabric to reduce variations in test results from laboratory to laboratory and between venders and their customers.

If you are a participant in any industry association that governs textile abrasion testing, please consider specifying this fabric in your methods. It is to everyone's advantage to reduce the number of variables in a test procedure to insure reliable inter-laboratory results.

If you like a larger sample or have any questions, please contact us.

Thank you,

Testfabrics, Inc.