

Wear Test Procedure (2016)

Goal: To capture performance and assure the fabrics and/or silhouettes that we choose agree with our intent and our quality standards

Wear Test Participants: Each brand must identify members of the buying, design, tech, production teams that measure as one of the graded sizes. Preferably, these testers would be customers of the brand. It is important to keep the same wear testers as long as they measure to size to preserve the integrity of the test.

Types of test:

Fabric Wear Test – used to determine if we should proceed with a particular fabric, only one sample in the selected fabric will be tested in the sample size. This test should be done at the development stage. It should be decided upon at **sketch review** with design/PD/Buyers based on anticipation that it would be a core fabric or a large buy. Existing style or block with similar shape and fit must be used. Tech will create a “wear test folder” in Tradestone to record all information.

Tailoring sample – Generally not for fit; however, if sample is on spec within tolerance, it can be used for wear test. It should be used to review if particular fabric can be appropriate for specific branded fit body or particular fit. Only one sample is requested based on reference style previously produced. Sample request should be determined during sketch review meeting. All specs and details will stay as previously produced reference style. If fit/details are changed from previously produced style, style should proceed to a pre-proto sample.

Size Set Wear Test – used to pre-empt any negative issues that may present themselves on large orders, also may be used for new factories or for a specific call out from the teams. For this test we may order a complete size run or a “jump size run” to be wear tested. This is determined when there is an **intent to buy or POHO**. The sooner the better.

Note: each of the above tests may be done exclusive of the other; however, a wear test on a new fabric must be preceded by an approved fabric test from a certified laboratory.

Ownership:

PD – identify new fabrics to be tested, supply mill info for the fabric. Based on the mill info, PD and Tech will determine if we should go forward with the test. PD will order one sample for ***fabric*** test from the vendor. Tech will advise the block or reference style # to be used for the sample. PD communicates all issues to the vendor and tracks the samples. PD passes received samples from factories to tech clearly marked “Wear test sample”

Wear testers- follow the standard test process and fill out the reports within the specified time frame. Notify tech of any issue that would prevent you from completing the wear test as outlined.

Tech Design- order size sets for wear test, review and document the results of all wear/garment tests, file on the share drive and report the results to pd, design, production & buying. Create a wear test folder in Tradestone. Include PD/Production when sending your requests to the vendor.

Fabric Wear Test for New Fabrics:

PD will provide the mill report to show the fabric meets our minimum requirements prior to testing.

Each brand (Tech/ PD/ Design/ Buyer?) will identify a block or existing style appropriate for the new fabric, to be used for the test.

PD/Tech will request one piece in the sample size, using the required block/style
Upon receipt of the sample, PD will pass it to tech assuring sample is clearly marked for wear test.

Sample will be measured by Tech and passed to Fit model for wear test

1. Measure sample before wearing (tech)
2. Wear test for 8hrs (if performance garment include exercise)
3. Measure after wearing (tech)
4. Wash according to the proposed care (tech or wear tester)
5. Measured after washing (tech)
6. Wear again for a minimum of 4hrs

The sample will be tested on the fit model for that brand. If the sample comes in out of tolerance, technician will find someone that meets those specs, and proceed with testing the garment. We will require the vendor to make a new sample within tolerance if we cannot arrive at a decision due to incorrect specs.

Photos should be taken when garments are 1st tried on, at the end of the 8hrs, and after wash.

Wear Testers should complete form with feedback on fabric, fit/comfort, wash and styling.

Tech recaps feedback/results online and issues to pd, design and production

PD, Design, Buying and Tech to discuss results if needed.

If test results indicate the need to adjust any points, these adjustments are to be made before proceeding to set up.

Tailoring Sample:

PD will provide the mill report to show the fabric meets our minimum requirements prior to testing.

(Tech/ PD/ Design/ Buyer?) will identify a block or existing style appropriate for the new fabric, to be used.

PD/Tech will request one piece in the sample size, using the required block/reference style

Upon receipt of the sample, PD will pass it to tech assuring sample is clearly marked "Tailoring Sample"

Sample will be measured by Tech and passed to Fit model for wear test

1. Measure sample before wearing (tech)
2. Wear test for 8hrs (if performance garment include exercise)
3. Measure after wearing (tech)
4. Wash according to the proposed care (tech or wear tester)
5. Measured after washing (tech)
6. Wear again for a minimum of 4hrs

The sample will be tested on the fit model for that brand. If the sample comes in out of tolerance, technician will find someone that meets those specs, and proceed with testing the garment. We will require the vendor to make a new sample within tolerance if we cannot arrive at a decision due to incorrect specs.

Size Set Wear Test: typically for structured washed garments. size runs may be ordered for a variety of reasons, this should be discussed & decided by all teams during POHO.

Reasons: new fabric/ new vendor/ new silhouette or proportion/ large buy

Tech issues graded specs and sends tech pack to vendor for the size run or jump size run

Samples will be measured by Tech and passed to Fit model and wear testers for wear testing

1. Measure before wearing (tech)
2. Wear test for 8hrs (if performance garment include exercise)
3. Measure after wearing (tech)
4. Wash according to the proposed care (tech or wear tester)
5. measured after washing (tech)
6. Wear again for a minimum of 4hrs

Wear Testers should complete form with feedback on fabric, fit/comfort, wash, styling, etc.

Tech recaps feedback/documents results online and issues to pd, design and production

Fit results are interpreted and used for Bulk Fit Specs

Unit size parameters per category – units are not the sole reason for size run

Soft Woven: 5000

Structured : 3500

Denim/ Casual Pant: 8000

Knits: 15,000

Sweaters: 10,000