



DIVERSIFIED
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“We Test Per Your Request”

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March 15, 2017

Ms. Ann Sawchak
EXPAND SYSTEMS, LLC
771 Shallowford Road, Suite 102
Kennesaw, GA 30144

Reference: Laboratory Test Report
Lab Identification No. 24248
Invoice No. 55405

Dear Ms. Sawchak:

One (1) fabric sample, identified as **DENVER**, was received and tested in accordance with the National Fire Protection Association No. 701, "Standard Methods of Fire Tests for Flame Propagation of Textiles and Films, 2015 Edition, (Test 1, Small Scale)". The results are as follows:

<u>Specimen Number</u>	<u>Test Results</u>	
	<u>Residual Flame</u> (seconds)	<u>Weight Loss</u> (percent)
1	0.	25.56
2	4.0	22.28
3	0.0	21.58
4	0.0	22.61
5	0.0	25.14
6	0.0	23.00
7	0.0	23.11
8	0.0	19.80
9	0.0	26.61
<u>10</u>	<u>0.0</u>	<u>25.23</u>
AVG	0.4	23.49

The sample submitted **meets** the minimum requirements of the above standard. The average percent weight loss cannot exceed 40% and the weight loss of individual specimens cannot exceed mean value plus three standard deviations. The average residual flame cannot exceed 2.0 seconds.

If there are any questions or when we can be of further assistance, please let us know.

Sincerely,

Brian S. Dement

BSD/mr



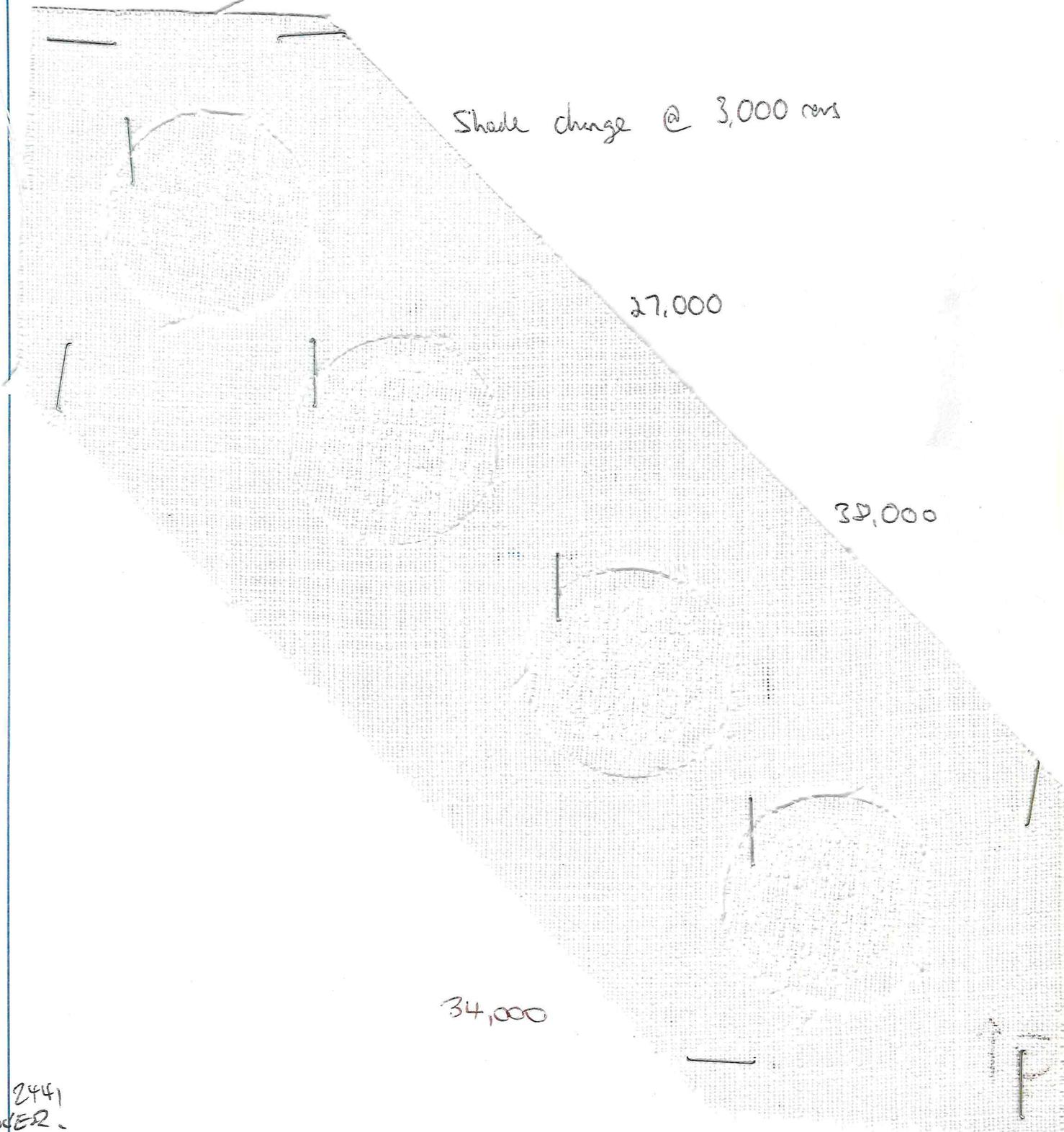
P4249

Ref No: 730118

Number of Revs: 35,000 / to end Point

Shade change @ 3,000 revs = grade
 Head 2 No fabric breakdown @ 25,000 revs
 Fabric breakdown @ 27,000 revs
 Head 4 No fabric breakdown @ 32,000 revs
 Fabric breakdown @ 34,000 revs
 Head 3 No fabric breakdown @ 36,000 revs
 Fabric breakdown @ 38,000 revs

4-1 - Shade change is possibly due to waves and herring in the abrasion cloth



2441
DENVER