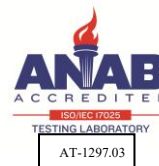




Test Report
4792371443
UL Solutions
72 West 64th Street
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Holland, MI 49423
<https://www.ul.com/industries/products-and-components/furniture>



Page 1 of 7

Requester:	National Public Seating Corp. 149 Entin Road Clifton, NJ 07014
Contact Name:	Sherri Miller
Dates Tested:	08/14/26 to 08/19/26
Date Issued:	08/25/26
Technician:	Ron Day
UL Order / Project Number:	16471304 / 4792371443

Scope: To evaluate the Model 602-ND3 Folding Chairs, supplied by National Public Seating Corp., by subjecting them to the following tests:

Requested Tests:

<u>Test Name</u>	<u>Requirement</u>
Backrest Strength – Horizontal – Static	ANSI/BIFMA X6.4-2021, Section 5
Backrest Durability Test – Horizontal – Cyclic	ANSI/BIFMA X6.4-2021, Section 7
Drop Test – Dynamic	ANSI/BIFMA X6.4-2021, Section 15
Leg Strength Test – Front and Side Application	ANSI/BIFMA X6.4-2021, Section 16
Unit Drop Test – Dynamic	ANSI/BIFMA X6.4-2021, Section 17
Stability Tests	ANSI/BIFMA X6.4-2021, Section 21

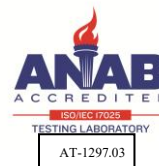
Product Description:

<u>Specimen</u>	<u>Description</u>	<u>Received</u>	<u>Condition</u>	<u>Supplier</u>
10061947	Folding Chair – Model 602-ND3	08/14/26	New	National Public Seating
10061948	Folding Chair – Model 602-ND3	08/14/26	New	National Public Seating

Summary:

<u>Test Name</u>	<u>Specimen(s)</u>	<u>Results</u>
Backrest Strength – Horizontal – Static	10061948	Met Requirement
Backrest Durability Test – Horizontal – Cyclic	10061947	Met Requirement
Drop Test – Dynamic	10061947	Met Requirement
Leg Strength Test – Front and Side Application	10061948	Met Requirement
Unit Drop Test – Dynamic	10061947	Met Requirement
Stability Tests	10061948	Met Requirement

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Test Results:

Backrest Strength – Horizontal - Static:

Testing was performed per ANSI/BIFMA X6.4-2021, Section 5.

Notes:

- Functional load: 150 lbs. for 1 minute.
- Proof load: 250 lbs. for 10 seconds.
- See photo for setup.

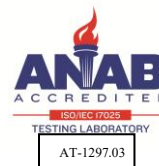


<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Time (sec.)</u>	<u>Observations</u>
10061948	150	60	No loss of serviceability.
	250	10	No sudden and major change in structural integrity.

Requirement:

Functional Load: A functional load applied once shall cause no loss of serviceability to the unit.

Proof Load: A proof load applied once shall cause no sudden and major change in the structural integrity of the unit. Loss of serviceability is acceptable.



Back Durability Test – Horizontal - Cyclic:

Testing was performed per ANSI/BIFMA X6.4-2021, Section 7.

Notes:

- Test rate: 24 CPM.
- See photo for setup.



<u>Specimen</u>	<u>Segment</u>	<u>Cycles</u>	<u>Observations</u>
10061947	Center	0	Test begun.
		60,000	No loss of serviceability.

Requirement: *There shall be no loss of serviceability.*



Drop Test – Dynamic:

Testing was performed per ANSI/BIFMA X6.4-2021, Section 15.

Notes:

- Functional load: 225 lbs.
- Proof load: 300 lbs.
- See photo for setup.



<u>Specimen</u>	<u>Chair Height</u>	<u>Load (lbs.)</u>	<u>Observations</u>
10061947	Fixed	225	No loss of serviceability.
	Fixed	300	No sudden and major change in structural integrity.

Requirement:

Functional Load: *A functional load shall cause no loss of serviceability.*

Proof Load: *A proof load shall cause no sudden and major change in the structural integrity of the unit. Loss of serviceability is acceptable.*

Leg Strength Test – Front and Side Application:

Testing was performed per ANSI/BIFMA X6.4-2021, Section 16.

Notes:

- See photo for setup.



<u>Specimen</u>	<u>Load (lbf)</u>	<u>Time (sec.)</u>	<u>Application</u>	<u>Observations</u>
10061948 / FL	75	60	Side	No loss of serviceability.
10061948 / RL	75	60	Side	No loss of serviceability.
10061948 / RL	113	10	Side	No sudden and major change in structural integrity.
10061948 / FL	113	10	Side	No sudden and major change in structural integrity.

Requirement:

Functional Load: Functional load(s) applied once in each direction shall cause no loss of serviceability.

Proof Load: Proof load(s) applied once in each direction shall cause no sudden and major change in the structural integrity of the unit. Loss of serviceability is acceptable.



Unit Drop Test – Dynamic:

Testing was performed per ANSI/BIFMA X6.4-2021, Section 17.

Notes:

- Drop height was determined by the weight of the unit.
- See photo for setup.



<u>Specimen</u>	<u>Unit Weight</u>	<u>Drop Height</u>	<u>End</u>	<u>Observations</u>
10061947	11 lbs.	7.1"	Left Side	No loss of serviceability.
			Right Side	No loss of serviceability.

Requirement: *There shall be no loss of serviceability.*

Stability Tests:

Testing was performed per ANSI/BIFMA X6.4-2021, Section 21.

Notes:

- Seat height: 17.75"
- Type III rear stability force calculation: $1.1 (47 - 17.75) = 32.2$ lbs.
- See photos for setups.



Rear Stability:

<u>Specimen</u>	<u>Observations</u>
10061948	Type III – Unit tipped at 57.2 lbs. Unit passed 32.2 lb. minimum.

Front Stability:

<u>Specimen</u>	<u>Force to Tip</u>
10061948	Unit tipped at 24.5 lbs. Unit passed 4.5 lb. minimum.

Requirement:

Rear Stability: The chair shall not tip over.

Front Stability: The chair shall not tip over as the result of the force application(s).