



Test Report
4792213468.9
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Requester:	National Public Seating 149 Entin Road Clifton, NJ 07014
Contact Name:	Sherri Miller
Dates Tested:	05/15/26
Date Issued:	05/21/26
Technician:	Jason Wisniewski
UL Order / Project Number:	16294276 / 4792213468

Scope: To evaluate a Back Guardrail Model GRTPR4, supplied by National Public Seating, by subjecting it to the following tests:

Requested Tests:

<u>Test Name</u>	<u>Requirement</u>
300 lb. Vertical Concentrated Load Test	Information only.
50 lb. / Per Foot Uniform Load Test	Information only.
Horizontal Load Test	Information only.

Product Description:

<u>Specimen</u>	<u>Description</u>	<u>Received</u>	<u>Condition</u>	<u>Supplier</u>
9750981	Back Guardrail Model GRTPR4	04/28/26	New	National Public Seating

Summary:

<u>Test Name</u>	<u>Results</u>
300 lb. Vertical Concentrated Load Test	No changes observed.
50 lb. / Per Foot Uniform Load Test	No changes observed.
Horizontal Load Test	200 lbs./6.77" deflection with no changes observed.

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Test Results:

300 lb. Vertical Concentrated Load:

Testing was performed per the requester's instructions.

Notes:

- Guardrail was attached in its intended fashion to stage step platform provided by the requester.
- A 300 lb. load was applied to the upper horizontal beam of the back guardrail.
- Load was applied through an approximate 5" load adapter.
- See photo for setup.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Load Location</u>	<u>Observations</u>
9750981	300	Center	No changes observed.

Requirement: *Testing was performed for informational purposes only.*

50 lb. / Per Foot Uniform Load Test:

Testing was performed per the requester's instructions.

Notes:

- Guardrail was attached in its intended fashion to stage step platform provided by the requester.
- Guardrail length: 70.25".
- Load calculation: $(70.25/12) \times 50 = 293$ lbs.
- Each rail was loaded.
- See photo for setup.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Observations</u>
9750981	293 x 3	No changes observed.

Requirement: Testing was performed for informational purposes only.

Horizontal load Test:

Testing was performed per the requester's instructions.

Notes:

- Guardrail was attached in its intended fashion to stage step platform provided by the requester.
- A cable was attached was attached to the upper horizontal beam.
- Forces were applied to the beam and deflection was recorded.
- See photo for setup.



<u>Specimen</u>	<u>Load (lbs.)</u>	<u>Deflection (")</u>	<u>Observations</u>
9750981	25	1.05	No changes.
	50	1.44	No changes.
	75	2.36	No changes.
	100	3.21	No changes.
	125	4.20	No changes.
	150	4.68	No changes.
	175	5.93	No changes.
	200	6.77	No changes.

Requirement: Testing was performed for informational purposes.

Written by Jason Wisniewski – Lab Supervisor – Holland, MI
Reviewed by Ron Day – Senior Laboratory Technician – Holland, MI
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Version 1.0