



Test report: Testing the chair links of Circuform non-domestic chair Muta according to NEN EN 14703:2007

Report code: 23.0584

Date: July 8, 2024

SHR

Nieuwe Kanaal 9e

6709 PA Wageningen, The Netherlands

Tel: + 31 317 467366

If not stated otherwise the tests have been performed at
this address.

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specified.

E-mail: r.winkelman@shr.nl

Principal: Circuform
Lekdijk 58
3998 NJ SCHALKWIJK

Appendices: 2

Project number: 23.0584

Authors:

A handwritten signature in blue ink, consisting of a stylized 'R' followed by a series of loops and a long horizontal stroke.

R.F. Winkelman
Project Manager

A handwritten signature in blue ink, featuring a large, circular loop followed by a long, sweeping horizontal stroke.

W.N.H. Cobben
2nd author



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1 Assignment

On May 21, 2024, Circuform commissioned SHR to test links of non-domestic chair Muta according to NEN EN 14703:2007.

2 Execution of the test

2.1 Identification and description of the samples

For the test, the samples mentioned in table 1, were delivered at SHR on 24-05-2024. The production and selection of the test pieces is carried out by the principal.

Table 1. Delivered samples.

Amount	Code	Description
11	230584-1 to 11	Non-domestic chair Muta with chairlinks

See Appendix 1 for photos of the chairs.

2.2 Method

The chairs have been tested and assessed according to NEN-EN 14703:2007.

2.3 Period of the test

The tests were executed on 27-05-2024 and on 03-07-2024.

3 Results of the test

See Appendix 2 for the results of the tests.

4 Conclusion

The tested chair links on the Muta chairs comply to the standard 14703:2007 type B.

Literature

NEN-EN 14703:2007 Furniture - Links for non-domestic seating linked together in a row - Strength requirements and test methods. NEN. Delft.

Appendix 1 Photos of the tested chairs and chair links



Photo 1: Two chairs – Front view



Photo 2: Two chairs – Side view



Photo 3: Two chairs – Back view



Photo 4: Two chairs – Bottom view



Photo 5: Detail link – Top view



Photo 6: Detail link – Top view

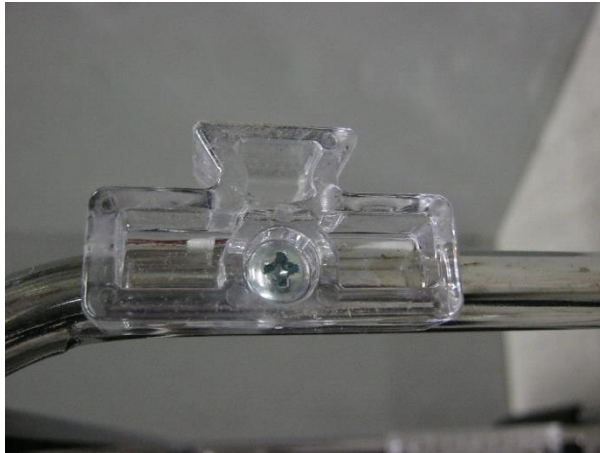


Photo 7: Detail link – Bottom view

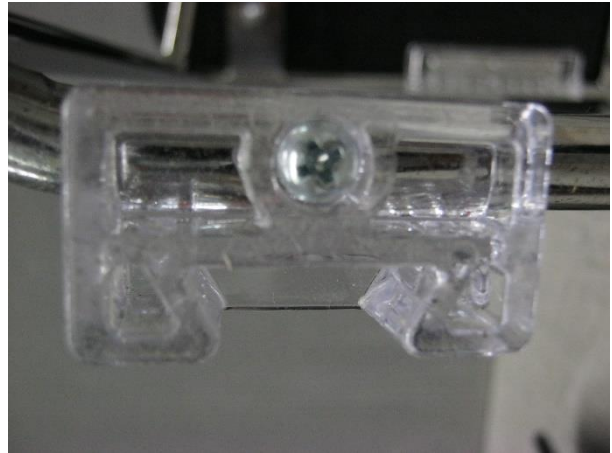


Photo 8: Detail link – Bottom view

Appendix 2 Results of the tests

V = complies **X** = does not comply N/A = not applicable

Table 2. Results for chain links on Muta chair according to NEN-EN 14703:2007

demand	res	rem
row displacment forward ≤ 200mm at 200N	V	1)
row displacment backward ≤ 200mm at 200N	V	2)
option a row shell be in tact		
option b row shall disengage	V	
overturning test forward	V	3)
overturning test backward	V	3)
horizontal impact test from the front	V	3)
horizontal impact test from the back	V	3)

Remarks:

- 1) The chairs disengage by 120N the displacement was 80 mm.
- 2) The chairs disengage by 120N the displacement was 65 mm.
- 3) The chairs disengage by the test (type B).