

Test Report

Revision 1

Report No.: 853925-8



**DANISH
TECHNOLOGICAL
INSTITUTE**

Gregersensvej
DK-2630 Taastrup
Tel. +45 72 20 20 00
Fax +45 72 20 20 19

info@teknologisk.dk
www.teknologisk.dk

Assignor: FourDesign
Faaborgvej 14
DK-5854 Gislev

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Jju/jha/hbs
Order no.: 853925
No. of appendices: 2

Subject: Model: FourSure®105 also covers FourSure®90

Type:	Chair				
Length:	550 mm	Width:	515 mm	Height:	1115 mm
Weight:	7.84 kg				
Materials:	Seat/back: PP Base: Chrome				

Sampling: The test material was sampled by the client and received at the Danish Technological Institute 26-08-2019.

Method: ANSI/BIFMA X5.1-2017 American National Standard For Office Furnishings - **General Purpose Office Chairs – Tests**

Tested for a user weight up to 125 kg

Period: The testing was carried out from 27-08-2019 to 03-10-2019

Result: Model FourSure®105 fulfils the requirements of ANSI/BIFMA X5.1-2017, Type III

Individual results appear from Appendix 1.

Storage: The test material will be destroyed after 1 month, unless otherwise agreed.

Terms: Accredited testing was carried out in compliance with international requirements (EN/ISO/IEC 17025:2005) and in compliance with Danish Technological Institute's General Terms and Conditions regarding Commissioned Work accepted by Danish Technological Institute. The test results apply to the tested products only. This report may be quoted in extract only if the laboratory has granted its written consent.

Note: Rev 1 due to removal of "high" after FourSure®105 and removal of "counter" after FourSure®90 under subject

Date/place: 18-10-2019, Danish Technological Institute, Wood and Biomaterials, Taastrup
Replaces report dated 04-10-2019

Signature: Test responsible

Co-signatory



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 Appendix 1
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Testing of Model: FourSure®105

ANSI/BIFMA X5.1-2017 – Type III

Test		Result
5.	Backrest strength test – static – Type I and II	N/A
6.	Backrest strength test – static – Type III	Passed
7.	Drop test - dynamic	Passed
8.	Swivel test – cyclic	N/A
9.	Tilt mechanism test - cyclic	N/A
10.	Seating durability test - cyclic	Passed
11.	Stability tests	Passed
12.	Arm strength test – vertical - static	N/A
13.	Arm strength test – horizontal - static	N/A
14.	Backrest durability test – cyclic – Type I	N/A
15.	Backrest durability test – cyclic – Type II and Type III	Passed
16.	Caster/chair base durability test – cyclic	N/A
17.	Leg strength test – front and side application	Passed
18.	Footrest static load test – vertical	Passed
19.	Footrest durability test – vertical – cyclic	Passed
20.	Arm durability test – cyclic	N/A
21.	Out stop test for chairs with manually adjustable seat depth	N/A
22.	Tablet arm chair static load test	N/A
23.	Tablet arm chair load ease test – cyclic	N/A
24.	Structural durability test – cyclic	N/A

N/A – Not applicable

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Testing of Model: FourSure®105

Photo

