

## Gabriel internal test report for bleach cleanability

<b>Test performed:</b>	05. Oct. 2020
<b>Test:</b>	BIFMA HCF 8.1-2019 Health Care Furniture design guidelines or cleanability & ACT Test Method 1-2020
<b>Bleach concentration:</b>	1:10 Sodium Hypochlorite 5.25 – 6.25%
<b>Product tested:</b>	2448 Go Uni – 100% Trevira CS

Gabriel tests all polyester fabrics, and tests include all colour options for each fabric. Tests are conducted in accordance with BIFMA's and ACT's recommended cleanability guidelines for use of cleaners, sanitisers and disinfectants on fabrics in hospitals and health care settings. The test result for each colour includes an assessment of the risk for colour change, when bleach is applied to the fabric in the concentrations required in health care environments.

When choosing a bleach-cleanable product, it is important to be aware that a variety of test methods to evaluate bleach resistance exist. Consequently, we recommend that you always ensure that the test method applied to a specific fabric meets the requirements - in terms of bleach concentration, application and contact time - for the specific context and environment in which the fabric will be used.

The test method applied by Gabriel is extremely thorough, and we consider it to be the best test available to assess and inform about the risk for colour change when using chlorine products.

### Test description

1 ml of hospital grade disinfectant cleaner - diluted in accordance with the manufacturer's instructions - is applied to the centre of the test specimen. The solution is allowed to set for a period of two hours, after which any remaining liquids are blotted up (on both face and back).

The process is repeated for a total of ten times. Two hours after the 10<sup>th</sup> application, three ml of water are applied, excess fluids are blotted up with a clean white cloth, and the test specimen is allowed to air dry. The last step is repeated if chemical residue remains.

The material is evaluated by comparing the test specimen with AATCC Grey Scale for Color change.

### Rating system – Grades according to AATCC Grey scale

Grade 5 – Very good-excellent

Grade 4 – Good

Grade 3 – Fair-moderate

Grade 2 – Poor behaviour

Grade 1 – Very poor

### Acceptance criteria according ACT/BIFMA.

**Colour Change:** Grade 4 minimum

**Colour Transfer:** Not permitted

**Physical damage:** Not permitted

Fabric	Colour	Name	Risk for colour changes*	Result
Go Uni	60079	White	Low	4
Go Uni	60999	Black	Medium	3-4
Go Uni	61138	Beige	Medium	3-4
Go Uni	61142	Dark Brown	Medium	3-4
Go Uni	66137	Dark blue	Medium	3-4
Go Uni	66138	Dark blue	Medium	3-4
Go Uni	66140	Dark blue	Medium	3-4
Go Uni	68152	Green	Medium	3-4
Go Uni	68154	Green	Medium	3-4
Go Uni	68170	Green	Medium	3-4
Go Uni	60080	Light grey	High	3
Go Uni	60093	Light grey	High	3
Go Uni	63080	Orange	High	3
Go Uni	64183	Light Red	High	3
Go Uni	65085	Purple	High	3
Go Uni	66135	Light blue	High	3
Go Uni	66136	Blue	High	3
Go Uni	66139	Blue	High	3
Go Uni	68149	Green	High	3
Go Uni	68153	Green	High	3
Go Uni	68168	Green	High	3
Go Uni	68169	Green	High	3
Go Uni	60083	Grey	High	2-3
Go Uni	61141	Dark Brown	High	2-3
Go Uni	62071	Green	High	2-3
Go Uni	63079	Orange	High	2-3
Go Uni	64171	Red	High	2-3
Go Uni	64174	Light red	High	2-3
Go Uni	64175	Red	High	2-3
Go Uni	66134	Dark blue	High	2-3
Go Uni	67071	Green	High	2-3
Go Uni	61139	Brown	High	2
Go Uni	61140	Brown	High	2
Go Uni	61143	Dark Brown	High	2
Go Uni	61144	Brown	High	2
Go Uni	61145	Dark Brown	High	2
Go Uni	67070	Blue	High	2
Go Uni	60081	Grey	High	1-2
Go Uni	60084	Dark grey	High	1-2
Go Uni	64172	Dark red	High	1-2
Go Uni	65086	Purple	High	1-2
Step	64178	Light Red	High	2
Step	64179	Red	High	2
Step	68159	Light Green	High	2
Step	68164	Yellow Green	High	2
Step	68165	Yellow Green	High	2

*\*) Low risk = Grade 4-5; Medium risk = Grade 3-4; High risk = Grade 3 and below*

Gabriel A/S confirms that the above results were obtained after testing the specimen in accordance with the procedures and equipment specified above.

**Gabriel A/S**



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