

## 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>	8690 Atlantic – 100% Polyester

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
Atlantic	60061	White	Low	4-5
Atlantic	60063	Grey	Low	4-5
Atlantic	62049	Yellow	Low	4-5
Atlantic	66064	Blue	Low	4-5
Atlantic	60011	Grey	Low	4
Atlantic	61166	Brown	Low	4
Atlantic	62048	Yellow	Low	4
Atlantic	64092	Red	Low	4
Atlantic	64117	Red	Low	4
Atlantic	65074	Purple	Low	4
Atlantic	66041	Blue	Low	4
Atlantic	66086	Turquoise	Low	4
Atlantic	66125	Blue	Low	4
Atlantic	66126	Blue	Low	4
Atlantic	68099	Green Yellow	Low	4
Atlantic	60025	Dark Grey	Medium	3-4
Atlantic	60141	Grey	Medium	3-4
Atlantic	60142	Grey	Medium	3-4
Atlantic	60143	Grey	Medium	3-4
Atlantic	60999	Black	Medium	3-4
Atlantic	61078	Beige	Medium	3-4
Atlantic	61163	Beige	Medium	3-4
Atlantic	61165	Brown	Medium	3-4
Atlantic	63034	Orange	Medium	3-4
Atlantic	63055	Orange	Medium	3-4
Atlantic	64093	Red	Medium	3-4
Atlantic	64116	Light Red	Medium	3-4
Atlantic	65037	Purple	Medium	3-4
Atlantic	65073	Purple	Medium	3-4
Atlantic	66057	Dark Turquoise	Medium	3-4
Atlantic	66062	Blue	Medium	3-4
Atlantic	66063	blue	Medium	3-4
Atlantic	67030	Green	Medium	3-4
Atlantic	68054	Green	Medium	3-4
Atlantic	61164	Brown	High	3
Atlantic	63033	Light Orange	High	3
Atlantic	63056	Orange	High	3
Atlantic	63057	Orange	High	3
Atlantic	64105	Red	High	3
Atlantic	67043	Green Yellow	High	3
Atlantic	64089	Red	High	2-3
Atlantic	65075	Violet	High	1-2

\*) 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

A handwritten signature in black ink, reading "Kurt Nedergaard". The signature is written in a cursive style with a prominent initial 'K'.

Kurt Nedergaard  
Director of CSR & Quality