

## 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>	8599 Event Screen – 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
Event Screen	60000	White	Low	4-5
Event Screen	61008	Light Beige	Low	4
Event Screen	62096	Light Yellow	Low	4
Event Screen	66031	Light Blue	Low	4
Event Screen	68145	Light Green	Low	4
Event Screen	60002	Grey	Medium	3-4
Event Screen	60004	Light Grey	Medium	3-4
Event Screen	60021	Dark Grey	Medium	3-4
Event Screen	61011	Light Brown	Medium	3-4
Event Screen	62093	Light Yellow	Medium	3-4
Event Screen	64029	Red	Medium	3-4
Event Screen	64119	Red	Medium	3-4
Event Screen	64146	Orange Red	Medium	3-4
Event Screen	65112	Light Purple	Medium	3-4
Event Screen	66006	Blue	Medium	3-4
Event Screen	66030	Blue	Medium	3-4
Event Screen	67015	Light Green	Medium	3-4
Event Screen	67017	Dark Green	Medium	3-4
Event Screen	67042	Turquoise	Medium	3-4
Event Screen	68146	Green	Medium	3-4
Event Screen	60999	Black	High	3
Event Screen	62048	Light Yellow	High	3
Event Screen	66188	Light Purple	High	3
Event Screen	64183	Light Red	High	2-3
Event Screen	67070	Light Turquoise	High	2-3
Event Screen	62095	Yellow	High	2

*o\*) 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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