Gabriel internal test report for bleach cleanability

Test performed:	19 May 2025
Test:	BIFMA HCF 8.1-2019 Health Care Furniture design guidelines or cleanability & ACT Test Method 1-2020
Bleach concentration:	1:10 Sodium Hypochlorite 5.25 – 6.25 %
Product tested:	Cura Loop – 100% post-consumer/post-industrial rec.pes (100 % textile waste)

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, sanitizers 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 center 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 10th 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
2615	60112	L. Grey	Low	4-5
2615	66240	Light Blue	Low	4-5
2615	61168	L. Beige	Low	4
2615	65105	Purple	Low	4
2615	66167	L. Blue	Low	4
2615	66239	Blue	Low	4
2615	67084	Turquoise	Low	4
2615	68261	Green	Low	4
2615	60110	L. Grey	Medium	3-4
2615	61259	Beige	Medium	3-4
2615	66166	L. Grey Blue	Medium	3-4
2615	68186	L. Green	Medium	3-4
2615	68187	L. Blue Green	Medium	3-4
2615	60019	D. Grey	High	3
2615	60109	Grey	High	3
2615	60111	Black	High	3
2615	61169	Beige	High	3
2615	61233	D. Beige	High	3
2615	61257	Orange Brown	High	3
2615	64195	L. Red	High	3
2615	66165	D. Grey Blue	High	3
2615	68182	D. Green	High	3
2615	60999	Black	High	2-3
2615	61258	Brown	High	2-3
2615	61260	Yellow Brown	High	2-3
2615	62082	D. Yellow	High	2-3
2615	62083	Yellow	High	2-3
2615	66170	Blue	High	2-3
2615	68181	L. Green	High	2-3
2615	64196	D. Orange Red	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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