

Healthcare setting performance criteria guide and checklist

Use this guide to identify appropriate materials and performance considerations for Level 1 healthcare settings, then verify your selections with the accompanying checklist.

Level 1 settings Maximum performance requirements

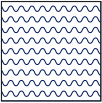
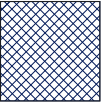
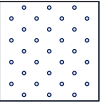
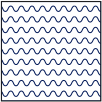
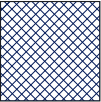
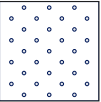
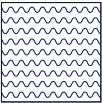
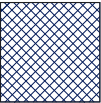
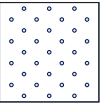
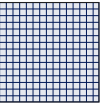
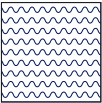
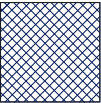
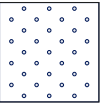
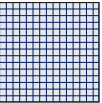
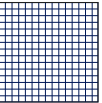
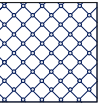
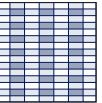
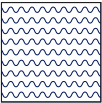
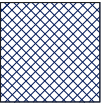
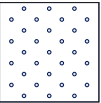
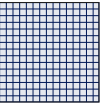
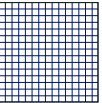
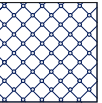
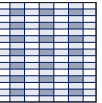
Examples of Level 1 settings include patient rooms, procedure rooms, emergency waiting areas, clinical labs, and more.

Level 1 settings demand the highest level of performance. The recommendations below help identify materials and product characteristics appropriate for these environments.

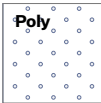
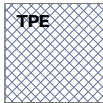
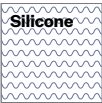
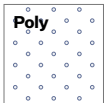
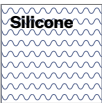
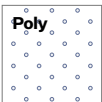
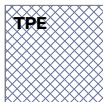
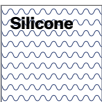
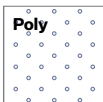
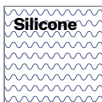
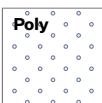
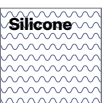
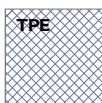
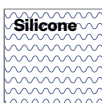
Material selection directly impacts how a healthcare setting performs.

As performance requirements change across settings, materials should be matched to the specific demands of the environment. Beyond aesthetics, upholstery and surface materials contribute to infection prevention, durability, safety, sustainability, and long-term value. Matching materials to the unique requirements of each setting helps ensure both clinical performance and a positive patient experience.

Material guidance by healthcare setting performance requirements

	Vinyl	Silicone	TPE	Poly	Woven w/ backing	Woven	3D Knit	Susp
Level 1 settings Maximum performance requirements								
Level 2 settings High performance requirements								
Level 3 settings Medium performance requirements								
Level 4 settings Low performance requirements								
Level 5 settings Minimum performance requirements								

Material performance spectrum

Performance	Good	Poly 	TPE 	Vinyl 	Silicone 	Best
Durability	Good	Poly 	TPE 	Vinyl 	Silicone 	Best
Chemical resistance	Good	Poly 	TPE 	Vinyl 	Silicone 	Best
Bleach cleanable	No	Poly 	Vinyl 	Silicone 	TPE 	Yes
Sustainability	No	Vinyl 	Poly 	Silicone 	TPE 	Yes
Price	\$	Vinyl 	TPE 	Poly 	Silicone 	\$\$\$

NOTE: Use these charts as a general reference. Always consult your textile representative to verify cleaning, disinfectant, and maintenance requirements for your specific application.

Material application guide

What materials are appropriate?

Finishes

- Metal
- Treated wood
- Wood

Surfaces & arm caps

- Solid surface materials
- Urethane
- High pressure laminate (HPL)
- Low pressure laminate (LPL)
- Wood

Textiles

- Poly, silicone, TPE, vinyl/non-phthalate
- Impermeable woven upholstery & backing option
- Woven upholstery (avoid cotton)

Cleaners & disinfectants

- Healthcare disinfectant
- Disinfectants with bleach
- Disinfectant stain removers, non bleach
- Dish liquid, stain remover

Performance design criteria guide

Recommended performance considerations

Human factors

Accessibility

- Seating height: lounge 17" - 19"
- Seating height: multiple 18" - 20"
- Arm options
- Bariatric weight: BIFMA 5.41 – 400/600lbs

Usability

- Shallow seat angle
- Smooth/round corners
- Specialty seating
- Healthcare grade casters

Product performance

Cleanability

- Clean out/Wipe out
- Smooth surfaces
- Textile & finish application

Durability

- Minimum weight: BIFMA 5.4 - 275 lbs
- Metal or wood construction
- Replaceable components
- Removable covers

Lifecycle

Investment

- Warranty
- Sustainability through durability
- Antimicrobial coating

Specification verification

- Materials align with level 1 setting recommendations
- Human factors criteria reviewed
- Product performance criteria reviewed
- Final product selection aligns with level 1 setting requirements

Material application checklist

Verify materials for this project

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