

Fabrics and Mattress Materials (Disinfection is based on 3 minute wet contact time) - Soft materials vary widely in how they are made. Manual abrasion creates wear and tear. Rinsing or damp wiping of surfaces as well as wiping dry prolongs the life of the product and prevents pooling of liquid.

Compatibility Rating for Materials

A = Excellent. No effect to integrity of material. Rinsing or damp wiping of surfaces as well as wiping dry is recommended.

B = Good. Minor effect, slight discolouration. Damage judged to not affect material performance and not aesthetically objectionable. Rinsing or damp wiping of surfaces as well as wiping dry is recommended.

C = Fair. Moderate effect, not recommended for continuous use. Softening, loss of strength, swelling may occur, appearance is aesthetically objectionable. Check with manufacturer of device/surface. Rinsing or damp wiping of surfaces as well as wiping dry is recommended.

D = Severe effect. Not recommended for use. Severe damage to substrates, discernible corrosion, pitting, or corrosion by-products deposits visible on surface of material. Rinsing or damp wiping of surfaces as well as wiping dry is recommended.

| Manufacturer | Item and Material | Model | Products Tested | Rating |
|---------------------------|---|---|---|--------|
| Artopex | Black Vinyl Material | Vinyl Allente | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | B |
| Artopex | Grey Vinyl Material | Vinyl US spirit 413 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Artopex | Navy Blue Vinyl Material | Vinyl US spirit 432 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Brookwood | 2 Way Stretch, Rubberized Fabric | | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | C |
| Brookwood | 2 Way Stretch, Rubberized Fabric | | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | C |
| Cathay Consolidated, Inc. | Polyurethane Coated Nylon Fabric | LMJN10E02 v | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada, Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | A |
| Chemsoft | Pillow Barrier, Pillow Fabric | CHEM | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Dartex | Polyurethane Stretch Vinyl Material | P238S Deep purple, batch 404-019 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | B |
| Dartex | Polyurethane Transfer Coating on Weft Knitted Fabric | P095 | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | B |
| Dartex | Polyurethane Transfer Coating on Weft Knitted Fabric | P095 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Dartex | Polyurethane Transfer Coating on Weft Knitted Fabric | P202 Silver3 | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | C |
| Dartex | Polyurethane Transfer Coating on Weft Knitted Fabric | P202 Silver3 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| EC | Pillow Barrier, Pillow Fabric | EC | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| FR Systems | Double Layered; Blue Fabric and Black Rubber Material (Note: tested the black side only). 70 Denier Nylon | LUT | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | B |
| FR Systems | Double Layered; Blue Fabric and Black Rubber Material (Note: tested the black side only). 70 Denier Nylon | LUT | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | B |
| FR Systems | Rigid Vinyl Material. 10.5oz Supported PVC | Medtex | Oxivir TB, Carpe Diem TB, Accel TB (US) | A |
| FR Systems | Rigid Vinyl Material. 10.5oz Supported PVC | Medtex | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| FR Systems | Soft Rigid Pillow Fabric. 70 Denier Nylon with Urethane finish | Soflux-PU | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | B |
| FR Systems | Soft Rigid Pillow Fabric. 70 Denier Nylon with Urethane finish | Soflux-PU | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| FR Systems | Thick 4 Way Stretch Material. Cast Coated Polyurethane Knit | Elastatex-Platinum | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | B |
| FR Systems | Thick 4 Way Stretch Material. Cast Coated Polyurethane Knit | Elastatex-Platinum | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | B |
| FR Systems | Thick 4 Way Stretch Material. Premium Cast Coated Polyurethane Knit | Elastatex | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | A |
| FR Systems | Thin 2 Way Stretch Material. Cast Coated Polyurethane Knit. | R5 | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | A |
| FR Systems | Thin 2 Way Stretch Material. Cast Coated Polyurethane Knit. | R5 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Herculite | Pillow Barrier, Pillow Fabric | HERC | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Herculite | Polyurethane Coated Vinyl | Sure Check Fusion III | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | A |
| Herculite | Polyurethane Coated Vinyl | Sure Check Fusion III | PerDiem 1:64, Hydrox 1:64 | A |
| Herculite | Polyurethane Coated Vinyl | Sure Check Fusion III | Virox 5 (1:64), PerCept (1:64), Accel Surface Cleaner Disinfectant (1:64), Accel TB Canada RTU | A |
| Herculite | Polyurethane Coated Vinyl | Sure Check Fusion III | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| J.Ennis Fabrics Ltd | Spirit Millennium Anesthesia Stool Cover, Black Vinyl Naugahyde Fabric | SPIR393 | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33TB | A |
| PPMG | Pillow Barrier, Pillow Fabric | PPMG | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Raxon | Hospital Furnishing Fabric; Champagne | White Grape Color, 73% Polyester & 27% Raxon, Nanotex with Antimicrobial & Duralock moisture barrier, 924727/Unika Vaev's style 639 | Virox 5 RTU, PerCept RTU, Peroxigard, Accel Surface Cleaner Disinfectant, Accel TB Canada, Accel TB US, Oxivir TB, Carpe Diem TB, Optim 33 TB | B |
| Raxon | Hospital Furnishing Fabric; Country Cork | Riverstown Color, 62% Polyester & 38% Cotton, Nanotex with Antimicrobial & Duralock moisture barrier, 924725/Unika Vaev's style 640 | Virox 5 RTU, PerCept RTU, Peroxigard, Accel Surface Cleaner Disinfectant, Accel TB Canada, Accel TB US, Oxivir TB, Carpe Diem TB, Optim 33 TB | B |

| Manufacturer | Item and Material | Model | Products Tested | Rating |
|-----------------------------|--|-----------------------------------|---|--------|
| Sioen Fabrics | Polyurethane Coated Nylon Fabric | F9840, Bravo IGN PA BI-ELAS | Virox 5 RTU, PerCept RTU, Peroxigard, Accel Surface Cleaner Disinfectant, Accel TB Canada, Accel TB US, Oxivir TB, Carpe Diem TB, Optim 33 TB | A |
| Sirona Dental Systems | Dental Chair Naugahyde Upholstry | 291-Pecan | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33TB | A |
| Sirona Dental Systems | Dental Chair Ultraleather Upholstry | 291 Pecan & Ravenwing | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB, Accel TB Canada | A |
| Sirona Dental Systems | Dental Chair Ultraleather Upholstry | 291-Ravenwing | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33TB | A |
| Sirona Dental Systems | Dental Chair Ultraleather Upholstry | 333 Swiss & Clay | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB, Accel TB Canada | A |
| Spectext | Pillow Barrier, Pillow Fabric | SPEC | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | D |
| Stafford Textiles (Staftex) | 70 Denier Nylon Fabric | Nylon 70D | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Stafford Textiles (Staftex) | 70 Denier Nylon Fabric | Nylon RNN71 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Accel TB Canada | A |
| Vintex Mattress Covers | Mattress Cover, Beige Material | SoffTick Ultralite | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | A |
| Vintex Mattress Covers | Mattress Cover, Beige Material | SoffTick Ultralite | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Peroxigard, Accel TB Canada | A |
| Vintex Mattress Covers | Mattress Cover, Clear with checkers | SoffTick Clearview | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | A |
| Vintex Mattress Covers | Mattress Cover, Clear with checkers | SoffTick Clearview | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Peroxigard, Accel TB Canada | A |
| Vintex Mattress Covers | Mattress Cover, Shiny beige material | SoffTick Lowslip | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | A |
| Vintex Mattress Covers | Mattress Cover, Shiny beige material | SoffTick Lowslip | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Peroxigard, Accel TB Canada | A |
| Vintex Mattress Covers | Soft black material | Dhalia PC | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | B |
| Vintex Mattress Covers | Soft black material | Dhalia PC | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Peroxigard, Accel TB Canada | B |
| Vintex Mattress Covers | Soft blue material | Dhalia Inry 572 | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | B |
| Vintex Mattress Covers | Soft blue material | Dhalia Inry 572 | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Peroxigard, Accel TB Canada | C |
| Vintex Mattress Covers | Soft light beige material | Dhalia Inry Regular | Oxivir TB, Carpe Diem TB, Accel TB (US), Optim 33 TB | B |
| Vintex Mattress Covers | Soft light beige material | Dhalia Inry Regular | Virox 5 RTU, PerCept RTU, Accel Surface Cleaner Disinfectant RTU, Peroxigard, Accel TB Canada | C |
| Westholme Inc. | Immedia One Way Glide Cover, Polyurethane Coated Vinyl | Model Immedia One Way Glide Cover | Virox 5 RTU, PerCept RTU, Accel RTU, Accel TB (Canada) | B |