

Processing Procedure ComPel® MLR Barrier Technology Fabrics

PROCESSING RECOMMENDATIONS

The recommendations offered below are general guidelines. The parameters used should be adjusted based on each facilities equipment, operational procedures, and experience.

- A. ComPel MLR fabrics must be laundered prior to use.
- B. ComPel MLR fabrics should be laundered separate from other hospital linen to minimize lint accumulation from other products and maximize the economics of the lightweight synthetic fabric.
- C. We recommend the following washing formula. Combination washer/extractors should be loaded at approximately 70% capacity to allow adequate flow of water across surfaces of ComPel MLR fabrics.

OPERATION	TIME	WATER LEVEL	TEMP.	SUPPLIES
Flush	3 Min.	High	100°F	
Flush	3 Min.	High	100°F	
Break	7 Min.	Low	160°F	Detergent & Alkali Target pH 10.5
Suds	5-7 Min.	Low	160°F	Detergent
Rinse	2 Min.	High	140°F	
Rinse	2 Min.	High	120°F	
Rinse	2 Min.	High	100°F	
Rinse	2 Min.	High	90°F	
Sour	5 Min.	Low	90°F	Sour to pH of 6

- D. **CAUTION:** Aggressive solvents and rust removing agents can damage ComPel MLR's repellency characteristic. In addition, routine use of citrus-based oil removers can coat/build-up on synthetic fibers and negatively affect the barrier properties. These products should not be used when processing ComPel MLR.
- E. Thorough rinsing is essential to properly remove all surfactants. Residual surfactants act to reduce the repellent characteristics of ComPel MLR barrier fabrics.
- F. After washing, tumble dry at an exhaust temperature of 160°F for approximately 15-20 minutes and an appropriate cool down cycle. Heat aids the redistribution of the repellent components throughout the fibers.
- G. We recommend delivery of surgical products to the pack-making area in loose or flat form. During component inspection, items will be folded, therefore, it is not necessary to fold them in the laundry. Product must be packaged in appropriate sterilization wraps.
- H. We recommend that ComPel MLR fabrics be steam sterilized for use in operating theaters; refer to the recommended sterilization instructions for ComPel MLR for specific sterilization cycle parameters that should be set on commercially available steam sterilizers. A validated sterilization cycle should be used.