STANDARD
TEXTILE

Processing Procedure

ComPel® O.R. Gowns, ComPel® Drapes, ComPel MLR™ Gowns, ComPel XTR® Gowns, ComPel XTR® Drapes, ComPel® Hamper Bags, ComPel® Apparel Products, ComPel® Wrappers made from WrapPel™ fabric and other 100% Polyester Barrier 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. All products must be laundered prior to use.

B. Barrier fabrics should be laundered separate from other hospital linen to minimize lint accumulation from other products and maximize the economics of the lightweight polyester 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 these fabrics.

OPERATION	TIME	WATER LEVEL	TEMP.	SUPPLIES
Flush	3 Min.	High	100°F/38°C	
Flush	3 Min.	High	100°F/38°C	
Break	7 Min.	Low	160°F/71°C	Detergent & Alkali Target pH 10.5
Suds	5-7 Min.	Low	160°F/71°C	Detergent
Rinse	2 Min.	High	140°F/60°C	
Rinse	2 Min.	High	120°F/49°C	
Rinse	2 Min.	High	100°F/38°C	
Rinse	2 Min.	High	90°F/32°C	
Sour	5 Min.	Low	90°F/32°C	Sour to pH of 6

D. **CAUTION:** Aggressive solvents and rust removing agents can damage the repellency characteristics. In addition, the routine use of citrus-based oil removers can coat/build-up on synthetic fibers and negatively affect the products barrier properties. These products should not be used when processing ComPel fabrics.

E. Thorough rinsing is essential to properly remove all surfactants. Residual surfactants can act to reduce the repellent characteristics of barrier fabrics.

F. After washing, tumble dry at an exhaust temperature of 160°F/71°C for approximately 15-20 minutes and an appropriate cool down cycle. Heat aids in the redistribution of the repellent components throughout the fibers.

Sterilization (for surgical products): An appropriate sterilization wrap/container should be used.

G. ComPel XTR gowns and drapes can only be steam sterilized in pre-vac cycles with a set temperature of 270°F/132°C, an exposure time of 4 minutes and dry time of at least 15 minutes. A validated sterilization cycle should be used.

H. ComPel O.R. gowns/drapes and other 100% polyester barrier fabrics can be steam sterilized in prevacuum steam sterilization cycles with a set temperature of 270°F/132°C, an exposure time of 4 minutes and dry time of at least 15 minutes **or** a gravity steam sterilization cycle with a set temperature 250°F/121°C, an exposure time of 30 minutes and a dry time of at least 15 minutes. A validated sterilization cycle should be used.

I. ComPel Wrappers made from WrapPel fabric can be steam sterilized in prevacuum steam sterilization cycles with a set temperature of 270°F/132°C, an exposure time of 4 minutes and dry time of at least 15 minutes **or** a gravity steam sterilization cycle with a set temperature 250°F/121°C, an exposure time of 30 minutes and a dry time of at least 15 minutes or an ethylene oxide “hot” hospital cycle using a 12/88 mixture, initial vacuum set point of 26 mm, pressure set point of 10.5 psig, temperature of 130°F/55°C±10, a dwell time of 120 min. and aerated for 8 hours **or** an ethylene oxide “cold” hospital cycle using a 12/88 mixture, initial vacuum set point of 26 mm, pressure set point of 10.5 psig, temperature of 100°F/38°C±10, a dwell time of 300 min. and aerated for 8 hours. A validated sterilization cycle should be used.

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