STANDARD
TEXTILE

Processing Procedure
Promax Surgical Gowns

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. Promax Surgical Gowns must be laundered prior to use.

B. Promax Surgical Gowns should be laundered separate from other hospital linen to minimize lint accumulation from other products.

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 Promax Surgical Gowns.

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 (maximum 10.5 pH)
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	Anti-chlor
Sour	5 Min.	Low	90°F	Sour to pH of 6

D. **CAUTION:** Use of chlorine bleach is not recommended as “residual” chlorine can reduce the life expectancy of the product. Chlorine bleach, if used, should be controlled at no more than 150 ppm, 10.2 pH and 155°F. An anti-chlor should be used even if chlorine bleach is not used due to the presence of chlorine in most municipalities water systems and it must be used after a chlorine bleach cycle to ensure that all free chlorine has been neutralized. Aggressive solvents and rust removing agents can damage Promax’s repellency characteristic.

E. After washing, tumble dry at an exhaust temperature of 160°F for approximately 15-20 minutes and an appropriate cool down cycle. For dryers with in-let temperature controls, they should be set at 290°F (max) with an outlet temperature of 160°F.

F. We recommend delivery of surgical products to the pack-making area in loose or flat form. Products should be visually inspected preferably over a light table, defects identified and as necessary corrected; items with stains can be rewashed, lint can be removed with lint rollers and holes/tears can be patched (see patch and mending criteria).

Sterilization: An appropriate sterilization wrap/container should be used.

G. Promax Surgical Gowns can be steam sterilized, using pre-vac cycles with a set temperature of 270ºF/132ºC, an exposure time of 4 minutes and dry time of at least 15 minutes. A validated sterilization cycle should be used.

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