



# The Elizabeth Blackwell Face Mask Laundering Instructions

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The Elizabeth Blackwell Face Mask is made of fabric that binds chlorine bleach from the wash cycle to the surface of the fabric. The Face Mask must be washed with an EPA-registered chlorine bleach\* to charge the fabric prior to each use. The antimicrobial technology is durable for up to 75 launderings.

## Home Laundering Instructions

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For home laundering, the initial charge procedure and the recharge (maintenance) procedure for the Elizabeth Blackwell are the same, except that detergent is not required in the initial charge wash. In each case, EPA-registered chlorine bleach must be used.

- The PTPPE Face Mask Filter should be removed from the face mask prior to washing. The filter should be washed by gently threading fingers through the filter and air drying after use.
- All EPA-registered bleach products have instructions for laundry sanitization on the label. Most of them indicate that the proper concentration is 1/2 cup per standard home washing machine load or 1 tablespoon per 4 L of water. Some bleach products may vary in concentration and recommend different mixing levels, so please check the label of the bleach that you are using. Do not use color-safe bleach.
- Use a regular laundry cycle and be sure to include the rinse step. Failure to rinse the fabric can result in local concentrations of chlorine bleach that may cause irritation to sensitive individuals. After rinsing, you may not be able to detect a bleach odor, but the chlorine bleach is still bound to the fabric.
- Detergent is not required for the initial charge but should be used for all maintenance washes along with the EPA-registered chlorine bleach.
- The fabric can be dried in any manner (tumble dry, line dry, etc.) without affecting the performance.
- The Elizabeth Blackwell is engineered to recharge when laundered with an EPA-registered chlorine bleach.\* The technology is durable up to 75 launderings.

## Industrial Laundering Instructions

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For industrial laundering, it is recommended to use a higher concentration of chlorine bleach (500 ppm) for the initial charge. For the maintenance washes, the chlorine bleach level can be 100 ppm, and detergent should be used. Example formulations and procedures are provided on the next page. These examples are a guide; please consult with a reputable wash chemistry supplier to optimize the procedure for specific equipment. In each case, EPA-registered chlorine bleach must be used.

\* When laundered according to the EPA-registered chlorine bleach care label instructions



# Industrial Laundering Example Formulations and Procedures

## Initial Charge Wash Example Procedure

CYCLE	TIME (MIN)	LEVEL	TEMP (F)	SUPPLIES	OZ/CWT	NOTES
Break	6	HIGH	140	Alkali Detergent	1 1	
Flush	2	HIGH	140			
Sour	2	LOW	140	Sour	1	
Flush	2	HIGH	140			
Bleach	12	LOW	140	Hypochlorite* (12%) or Hypochlorite* (6%)	60 120	500 ppm
Rinse	2	HIGH	120			
Antichlor/ Sour	4	LOW	100	Antichlor Sour	1 3	Target Fabric pH of 6-7
Extract	3					
Shakeout	1					

## Maintenance Wash Example Procedure

CYCLE	TIME (MIN)	LEVEL	TEMP (F)	SUPPLIES	OZ/CWT	NOTES
Flush	4	HIGH	110	Alkali Detergent	1.5 1	
Break	12	HIGH	150	Alkali Detergent	12 12	
Carryover	2	HIGH	150			
Flush	2	HIGH	150			
Bleach	10	LOW	140	Hypochlorite* (12%) or Hypochlorite* (6%)	12.5 24	100 ppm
Rinse	2	HIGH	130			
Rinse	2	HIGH	115			
Antichlor/ Sour	4	LOW	100	Antichlor Sour	1 2	Target fabric pH of 6-7
Extract	3					
Shakeout	1					

Chemical amounts are expressed in ounces per 100 pounds of garment load (oz/CWT).

\*Use EPA-registered bleach

*As each customer's use of our product may be different, the information provided, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for their own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.amorsuiclothing.com](http://www.amorsuiclothing.com) (all additional/different terms are rejected) unless explicitly agreed otherwise in signed writing.*