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Tech Tip: #203

Processing Instructions for Microfiber Cloths/Towels

The following procedure for machine washing microfiber items will assure maximum performance and longevity of 200 to 300 washings. Do not use fabric softener.

Step	Operation	Level	Temp.	Minutes	Supplies
1.	Flush	High	80°F - 27°C	2	
2.	Flush	High	140°F - 60°C	2	
3.	Break/suds	Low	160°F - 71°C	10	8oz. built (non solvent) detergent for each 100 lbs. - ph 8.5 - 11.5 max.
4.	Rinse	High	140°F - 60°C	3	
5.	Rinse	High	80°F - 27°C	2	
6.	Rinse/Extract	High	Cold	2	ph 7.0 to 9.0

Additional Processing Information:

Centrifugal Extraction: Bring to full speed (300 rpm) for 3 minutes and release.

Hydraulic Extraction: **NOT RECOMMENDED**

Drying:

Microfiber Cloth/Towel drying time is significantly reduced compared to cotton or blended items. Drying times will vary depending on your geographical location, equipment and the environment and load size. When programming auto dryer settings, monitor temperature for the first 3-6 loads, stop temperature when **120°F** is reached, then begin cool down after set point has run for 3-5 minutes.

AIR DRYING IS RECOMMENDED: at the end of your production shifts if you have large dryers that require a cool-down of the drum support rollers at the end of the production day. Place the microfiber items in the drum before you start the dryer and allow them to tumble while doing this cool down even if you only have a small quantity of microfiber items. It is not wasted energy and it will prolong the life of your products.

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If you must dry using gas or steam heat, start by tumbling these items at 140°F incoming temperature, 100°F exhaust (If available on your equipment, reverse the dryer drum during the drying cycle. It reduces the drying time and will not create heat pockets in the mop/yarns prolonging their service life).

Cool to 90 - 100°F before unloading.

Notes:

The use of harsh chemicals such as those contained in bleach and the use of fabric softener can reduce the performance and longevity of microfiber products.

Do not WASH/STORE OR TRANSPORT microfiber cloths/towels with terry towels, regular mops or any other product that has cotton or linting capabilities. Separate different colored microfiber items before their first wash and microfiber cloths should be separated from floor cleaning products. We recommend rinsing new cloths / towels before being put in service when possible.

If you require additional information or require further assistance, please call our customer service department at 1-800-821-2792 or 1-816-842-0233 or email @ goldenstar@goldenstar.com