

Recommendations for washing/ drying – before using the garment !

All garments should be laundered at least once before use – due to inevitable shrinkage, excess dye and possible chemical residues.

All size samples should be laundered before measurements and always same number of launderings (e.g. min. 2)

1. Dark colored denim garments should be laundered 3-4 times before use. Some color loss should be expected.
2. A certain amount of “color bleeding” may occur in the first laundering, in particular with dark colors.
3. The amount of “pre-launderings” before use should be particularly observed if dark colored garments are used with e.g. white pants in order to avoid risk of discoloring. (min. 3 pre-launderings of the dark color).
4. Follow the laundry instructions on the care label in the garment.
5. Always launder garments separately according to fabric type, color, and soil level/type.
6. Reduce “creasing” by lowering the filling rate in washing and drying to max. 75%. Residual moisture before drying should be at least 35%.
7. “Waiting time” between washing and drying and in tumbler after drying as short as possible to minimize crease.
8. Choose drying program (temperature/time length) according to textile type. Avoid over drying. Add steam in finisher drying. Garments with relatively high Tencel/polyester contents will dry significantly faster than cotton rich garments and should be dried separately (reduced time and/or temperature). Use “Cool-down” function. Use residual moisture measurement in tumbler.
9. Very high drying temperatures may cause extra shrinkage – up to ca. 5% - (e.g. on products with high cotton- and/or with Tencel contents and knitted products).
10. Allow for differences in shrinkage and for customary tolerances from garment production (up to +/- 2 cm) with size samples and in particular when garments are used in “pool stocks” due to the differences in the garment users body measurements.
11. Low water level in washing may increase risk for creasing/pilling.

Our garments (including accessories such as buttons and zippers) are tested according to ISO 15797 (please see description on our web site www.nybo.com) and evaluated after 5 test rounds as specified by ETSA (European Textile Service Association), but it is recommended that you carry out your own laundry tests on new garment types and/or in case of doubt on existing types - before use – in order to evaluate possible effects from your own laundering conditions e.g. in washing, drying and chemical types, - compositions and - quantities.

We make reservations for possible effects of such variations in relation to ISO 15797 test results.

Optimize the durability of the garments:

Certain chemicals (with contents of e.g. chlorine, lye, active oxygene bleach and optical brightener), disinfection chemicals and softeners may affect/reduce the life time and influence the appearance of the garment (e.g. color, peeling), buttons, zippers and other accessories. It is important to ensure adequate number of rinses and proper neutralization in the last rinse.

Therefore always check type and use (incl. quantity) of chemicals with your chemistry supplier.

Guidelines for industrial laundering - unless otherwise indicated on care label:

	White	Colored + White/colored	Tumbler drying	Steamer drying
Polyester/cotton, e.g. 65/35%, 50/50%, 60/40% with/without Stretch (EOL)	85°C	75°C	High	150°C
Polyester/Lyocell (TENCEL®) e.g. 50/50%, 65/35%, 70/30%	75°C	75°C	Medium	150°C
Cotton 100%	85°C	60°C	High	150°C
Polyester/Carbon 99/1%, antistatic	85°C	85°C	High	125°C
Polyester 100% (jackets/trousers with fleece lining and quilted blankets (white/navy/grey) from Nybo Workwear A/S	75°C	60°C	High	125°C
PRO wear (polos and T-shirts)	60°C	60°C	High	150°C
Fleece, Polyester 100%	40°C	40°C	Medium	No
Denim, including T400 and TENCEL®	60°C	60°C	Medium	125°C Max.
T-Time T-shirts/other knitted garments, shirts	Follow the instructions on the care label sewn into the garment			
Outdoor garments (e.g. soft shell)	Follow the instructions on the care label sewn into the garment			

All information stated above are our recommendations. Practice may give variations – depending on the equipment, routines and methods in the laundries.

Drying in industrial tumbler: above figures state the outlet temperature – High=80°C, Medium=60-70°C.

Tunnel dryer (Steamer): above figures state the inlet temperature and are subject to added steam and a max. drying time of ca. 5 minutes (ISO 15797).

Optimize the durability of the logos:

- Choose logotype and quality according to customer’s requirement – and to industrial laundering conditions.
- Embroidery may be an alternative to print/transfer logos. Logos should ironed only on the back of garment.

Domestic laundering: follow the instructions stated in the care label.

Nybo WorkWear A/S, Quality Manual, section 5.7. UK – rev.9 November 2018

