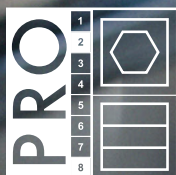


AMANN

GROUP

Intelligent threads

PRO CARE CERTIFICATION



PRO CARE CERTIFICATION

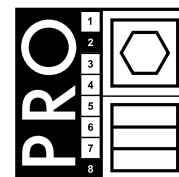


Workwear, leasingwear and corporate wear are not only used intensively, they also get washed and dried regularly. Even after wearing and washing them frequently, the clothes should not only be clean but also keep their shape and colour. Above all, they should maintain their diverse functions in a long term. Consequently, the demands placed on industrial washes for workwear are very complex.

Hohenstein Laboratories have tested those AMANN products that are relevant for workwear and leasingwear according to DIN EN ISO 15797 with regards to industrial washing and drying procedures. These were certified with the PRO label according to DIN EN ISO 30023.

- Saba
- Saba Recycled
- Sabatex
- Sabatex Recycled
- Sabatex Embroidery
- Sabaflex
- Isacord
- Serafil
- Serafil Recycled
- Serafil fine
- Serafil fine Recycled
- N-tech
- N-tech CS

Since there are many different industrial care methods, DIN EN ISO 15797 standardises a selection of load tests. The result of the load tests is shown on the pictograms and summarised by DIN EN ISO 30023.



WASHING PROCEDURES

The washing procedures included in DIN EN ISO 15797 are:

DESCRIPTION WASHING PROCEDURE	FABRIC	WASHING PROCEDURE	TEMPERATURE
Washing procedure for white workwear and/or delicate coloured trimmings – peracetic acid bleach	Cotton	1	75°C (+/-2°C)
	Polyester/Cotton	2	75°C (+/-2°C)
Washing procedure for white workwear – chlorine bleach	Cotton	3	75°C (+/-2°C)
	Polyester/Cotton	4	75°C (+/-2°C)
Washing procedure for white workwear and/or delicate coloured trimmings – hydrogen peroxide	Cotton	5	85°C (+/-2°C)
	Polyester/Cotton	6	85°C (+/-2°C)
Washing procedure for coloured workwear	Cotton	7	85°C (+/-2°C)
	Polyester/Cotton	8	75°C (+/-2°C)

The number in the washing symbol box corresponds to one of the eight washing procedures described in ISO 15797.

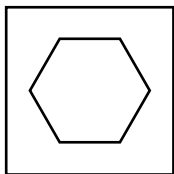
AMANN's products have been tested according to the most common washing procedures no. 2 and no. 8 for white and coloured workwear.

DRYING PROCEDURE

Additionally, the standard describes two drying procedures:

PROCEDURE A:

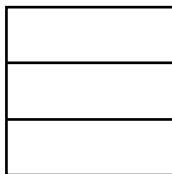
Drying in the tumble dryer



In this case, the sewing and embroidery thread will be dried until an exhaust air temperature of at least 90°C can be measured.

PROCEDURE B:

Drying in the tunnel/cabinet finisher



In this case, the sewing and embroidery thread will be dried until a temperature between 135 and 140°C can be measured on the good. Once this temperature has been reached, the drying process will be finished.

All examined items have been tested according to both procedures, A and B.

EVALUATION CRITERIA

Since there is no definition of standardised requirements, the demands of the Hohenstein quality standard were used to evaluate the wash resistance of leasing textiles.

TESTING PARAMETERS	REQUIREMENT OF THE HOHENSTEIN QUALITY STANDARD
Colour fastness	Fastness to washing \geq Mark 3-4
Dimensional change	The dimensional change must be adjusted to the processed fabric, after deduction of the fabric shrinkage max. $\pm 1.0\%$
Strength reduction	$< 10.0\%$ after the washing and drying cycles

WASHING AND DRYING CYCLES

All examined items have successfully passed the three test criteria after **30 washing and drying cycles**.



FIELDS OF APPLICATION:

- Industry
- Hospital
- Hotel business & catering
- Crafts
- and many more

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