

Recommended washing and maintenance instructions for **GoodPRO** protective clothing for **firefighters**

To ensure a long life and to maintain protective properties of **GoodPRO** protective clothing, the following washing and maintenance recommendations should be followed:

1. GENERAL INSTRUCTIONS

- Make sure to follow the manufacturer's instructions - INSTRUCTIONS FOR USE provided with the suit
- For washing and drying of the protective clothing we recommend to use a professional laundry or an instructed person at the fire station
- If possible the protective clothing should be washed in professional washing machines with a load capacity of at least 14 kg.
- **GoodPRO** suits should be washed and dried separately from other types of clothing
- Close all zippers, Velcro fasteners, empty the pockets, take off the suspenders and take out the external knee pads
- Any detachable metal pieces such as carabines must be removed before washing
- If there is any integrated rescue system or DRD device it has to be removed from the suit before washing
- Avoid damage of the clothing by Velcro fasteners - all Velcro fasteners must be closed or covered
- Do not exceed capacity of the washing machine - the washing drum should be filled optimally just to 50% of its volume to avoid excessive mechanical stress during washing.
- Use liquid detergents only! The pH value of the washing bath must not exceed 9
- Do not use fabric softeners, chlorine-based bleaching agents, optical brighteners or powdered detergents
- We recommend to wash at temperature 40°C with higher water content. Water should be visible at the bottom of the filling window
- Rinse properly - make sure that no detergent sediments remain on the laundry after washing
- Use interval spinning at max. speed 800 rpm
- We recommend drying in a warm room on a wide hanger without direct sunlight, in a tumbler dryer or in a dryer cabinet
- Dry at temperature max. 60°C - in two cycles - max. 2x20 minutes

- In case of ironing - max. temperature of the ironing plate is 110°C
- Never iron the reflective bands!

2. PROCEDURES

2.1 Washing

- Fold the fully closed suit along its vertical axis, straighten up the sleeves inside the suit
- Put the folded suit into the washing machine drum perpendicularly to the axis of rotation, use max. half of the washing drum to avoid excessive mechanical stress on the clothing during washing.
- Wash continuously at 40°C with a short washing program
- Top up with water so that it is visible at the bottom of the filling window
- Only use liquid detergents, powdered detergents are not recommended
- Rinse and spin at lower speed - max. 800 revolutions per minute
- For more thorough cleaning, especially of the multi-layer suits, repeat the washing in the same way, only turn the suit inside out.

2.2 Impregnation

- We recommend to re-impregnate the clothing after 25 washing cycles, depending on the intensity of use.
- The protective clothing must be washed before re-impregnation. Only clean garments can take on the impregnation agents
- For impregnation in a water bath, put in the washing machine washed, still wet suit, folded with the FRONT side up with the main zipper fastened and all openings closed. Use the program - rinse with spin-dryer and use a professional impregnating agent based on fluorocarbon according to its instructions (e.g. Hydrob FC - Kreussler)
- After impregnation in a water bath, dry the suit in a dryer or drying cabinet according to point 2.3 Drying

• 2.3 Drying

- We recommend free drying in a warm room or in a tumble dryer at a temperature of max. 60°C
- After taking the crumpled suit out of the washing machine, before putting it into the dryer, it is necessary to smooth it out and stretch it lengthwise (front and back part of the jacket incl. sleeves and trousers) and leave it buttoned up.
- Dry the suit in the dryer in 2 cycles - the first cycle turned inside (lining) out - the second buttoned on the front (outershell) side out - max. at 60°C - max. 2x20

minutes

- Between the drying cycles and after taking the suit out of the dryer, always carefully smooth the suit out – lengthways. incl. sleeves and trousers.

3. SYMBOLS OF MAINTENANCE

