

SAFETY DATA SHEET & USER MANUAL

High-Visibility Softshell Jackets Series: SNOW HAWK (Yellow)

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** High-Visibility Men's Softshell Jacket SNOW HAWK (Hi-Vis Yellow)
- **Product Serial Reference:** KMZ Series (Models: KMZ074, KMZ075, KMZ076, KMZ077, KMZ078, KMZ079)

Product Code	Corresponding Size
KMZ074	Size S
KMZ075	Size M
KMZ076	Size L
KMZ077	Size XL
KMZ078	Size XXL
KMZ079	Size 3XL

- **Distributor Details:**

B.A.M. Andrzej Borowicz
Leśna 31, 86-031 Osielsko, Poland
Website: www.bam24.pl

2. MATERIAL COMPOSITION AND SPECIFICATIONS

The garments are engineered using a premium triple-layer technical fabric system designed for maximum thermal efficiency, weather protection, and high occupational visibility:

- **Outer Layer:** 100% Polyester Softshell fabric, mechanical stretch, offering highly durable mechanical wear resistance and wind-proofing.
- **Middle Layer:** Thermoplastic Polyurethane (TPU) breathable membrane. Protects against water penetration while allowing metabolic moisture/vapor release.
- **Inner Lining:** 100% Polyester microfleece (160 g/m²), soft-brushed for superior thermal insulation and comfort skin-contact.
- **Reflective Elements:** Heat-transferred segmentation retroreflective bands. Positioned horizontally around the torso and limbs to provide 360-degree night visibility.

3. HAZARD IDENTIFICATION & TECHNICAL SAFETY LIMITATIONS

- **Thermal / Flammability Danger:** The material consists primarily of synthetic polyester fibers. It is NOT flame-resistant. Do not use in close proximity to open flames, sparks, or

welding operations. Fabric will melt under extreme temperatures and could cause skin injuries.

- **Mechanical Entanglement Risk:** Ensure all elastic drawstring adjusters (at the hood and bottom hem) are tucked securely inside. Loose cords can become entangled in moving industrial machinery or automated conveyor belts.
- **Chemical Vulnerability:** Exposure to aggressive organic solvents, strong acids, or petroleum-based fuels can permanently degrade the TPU waterproof membrane and destroy the retroreflective property of the reflective strips.

4. OPERATIONAL HANDLING & FITTING GUIDE

- **Pre-use inspection:** Before each work shift, inspect the garment for heavy contamination, tearing, or severe fading. A drop in fluorescent intensity or cracked reflective tape significantly lowers worker safety.
- **Correct Donning:** The jacket must always be worn fully zipped up. Leaving the front open splits the continuous horizontal reflective bands, which violates occupational high-visibility safety requirements.
- **Ergonomic Adjustments:** Use the built-in Hook-and-Loop (Velcro) wrist fasteners to prevent drafts and keep sleeves securely in place. Adjust the bottom hem toggles to prevent catching on external structures.

5. MAINTENANCE, WASHING AND CARE INSTRUCTIONS

To preserve the high-visibility properties and waterproof membrane integrity, strictly follow these laundering parameters:

- **Washing Temperature:** Machine wash at maximum 30°C on a gentle synthetic or outdoor apparel cycle. Turn the jacket inside out before washing to protect reflective panels.
- **Detergent Selection:** Use mild liquid laundry detergents. NEVER use biological powder detergents containing optical brighteners, chlorine bleach, or stain removers.
- **CRITICAL RESTRICTION - Fabric Softeners:** Do NOT use fabric softeners or conditioners. Softeners coat the fibers, irreversibly clogging the breathable pores of the TPU membrane and delaminating heat-applied reflective components.
- **Drying & Ironing:** Line dry naturally in the shade. Do NOT tumble dry. Do NOT iron (heat will melt the inner membrane and external reflective branding). Do not dry clean.

6. STORAGE AND DISPOSAL

- **Storage Conditions:** Store clean, completely dry garments in a well-ventilated, dry environment. Keep away from direct sunlight (UV exposure) when not in use to avoid premature fading of the fluorescent yellow dye.
- **Lifespan / End of Service:** Dispose of the jacket if the fabric is permanently soiled with non-removable grease, severely torn, or when reflective properties diminish. Replace according to company safety schedules.
- **Disposal:** The item consists of mixed synthetic polymers (Polyester/TPU) and can be treated as standard non-hazardous industrial textile waste or recycled in line with local municipal ordinances.