

# TEST REPORT



## Forest worker jackets/shirts Profiforest "Air+", "Comfort" and "Visible"

Test-No. 6275b



forest worker jacket Air+ 92-475-02



forest worker jacket (unisex) 92-474-02



Functional long sleeve shirt Visible,  
92-477



Functional t-shirt  
Visible, 92-476



Functional t-shirt  
Visible, 92-400-01



long sleeve fleece shirt  
Polar Visible, 92-456-01



forest worker jacket  
Visible, 92-499-01

### Owner of the certificate

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and

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## Results and assessments

Results from the 2013 practice research.

### Brief description

#### Jacket:

Material	Upper material 92 % polyamide, 8 % Spandex. Lining 100 % polyester, washable at 30°C
Type and description	work jacket made of bi-elastic, breathable fabrics for high flexibility. Close-fitting jacket, model "Airstream" with extended back. Armpit ventilation slits with zip fasteners; model "Comfort" with very large ventilation slits; model "Airstream" with removable sleeves. Ventilation slits on back and shoulders. 2 front pockets with zip fasteners, 1 inner first-aid pocket, adjustable cuffs with Velcro fastener, hidden knitted cuffs. Insulating fibrefill technical lining (Airstream). Available size range: XS-XXL (Comfort) and XXS-4XL (Airstream), Kevlar reinforcement on shoulders and chest.
Weight	approx. 1020 g (size M)

#### Winter jacket 15-041, 15-041R and 15-042R:

Material	Upper material 92 % Polyamid, 8 % Spandex. Lining 100 % Polyester, washable at 40°C.
Type and description	Warm work jacket made of bi-elastic, breathable fabrics for high flexibility. The jacket is equipped with extended back and removable sleeves. Ventilation slits on back and under arms, thick insulating fibrefill technical lining on back and shoulders. 2 front and 2 breast pockets with zip fasteners, 1 inner first-aid pocket. Adjustable cuffs with Velcro fastener, hidden knitted cuffs. Available as High-Vis-Jacket (EN 20471). Size range: XS-4XL.
Weight	approx. 1190 g (size M)

#### Functional Shirt:

breathable lightweight brightly coloured (signal colours) technical shirt, made of anti-microbial, non-absorbent Coolmax fresh-fibre, 100 % polyester. One chest pocket with zip fastener, small collar with zip fastener. Available size range XS-3XL, available with long and short sleeves, washable at 40 °C

#### Fleece-Shirt:

Fleece-Shirt, suitable for cool days, visible colours, 100% polyester, stand-up collar, small pocket on the breast with zipper, available sizes XS-XXL, washable at 30°C.

### Overall assessment

#### **Application field:**

All-year forest work, especially using chainsaw.

The suit was worn for a total of 1040 workdays during the test at all test centres

Characteristic Overall rating		
<b>Jacket Airstream</b>	Comfort	+
	Durability	+
	Features	+
	Care	O
<b>Overall rating jacket:</b>		<b>good</b>
<b>Winter jacket</b>	Comfort	+
	Durability	+
	Features	+
	Care	+
<b>Overall rating jacket:</b>		<b>good</b>

++ = excellent; + = good; o = satisfactory; - = adequate; - - = inadequate

The jacket model "Comfort" was tested in a condensed follow-up test procedure and compared with the jacket model "Airstream". It has received KWF-Profi approval. This test report does not include a separate evaluation of the product, however it is mentioned in the individual opinions. The tested technical shirts were described as comfortable and a useful clothing for summer. The signal colours comply with FPA basic requirements and ensure good visibility when worn without a jacket. The Fleece-Shirt "Polar" is suitable at cold weather as a warm underwear. It has a very slim fit and is quite warm at higher temperatures or during harder physical activities.

## Brief characteristics from the wear test

Jacket Airpower	Opinions (+)	Opinions (-)
<b>Comfort</b>	The model "Comfort" is still comfortable in cold but frost-free weather, the model "Airstream" is suitable below freezing.	The fit is rather slim and was too tight around the shoulders some test persons. Both jackets are rather warm and there is a tendency for heat accumulation.
<b>Durability</b>	Both jackets were described as being tough.	The water repellence decreases with time.
<b>Features</b>	The removable sleeves of the model Airstream make this jacket highly versatile. The jackets feel pleasant.	The chest pocket on the model "Comfort" is too small and the front pockets cannot be used when wearing a belt. The model "Airstream" was described as being a little stiff, sometimes the collar felt uncomfortable.
<b>Care</b>	Good form and colour retention.	Dirt cannot be removed completely, the permitted washing temperature is too low at 30°C. Some shrinkage was noted at higher washing temperatures.

Winter Jacket	Opinions (+)	Opinions (-)
<b>Comfort</b>	Good warm jacket, the test persons didn't sweat, caused by the mesh lining. The fit is good, the function was praised as "thoughtful".	
<b>Durability</b>	Over the test period no damages were sensed, the fit maintained.	
<b>Features</b>	Wetness was rejected well; the jacket is also sensed as not heavy.	
<b>Care</b>	The jacket was described to be easy to clean.	

At the variants HI-VI according to EN ISO 20471 (92-499-01 und 92-335-01) the durability and fixing of the reflective stripes were not tested.

## Certificates and declarations on social and environmental sustainability

The manufacturer provides the following certificates or offers the following statements:

- No certificates or statements available.

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**This report is based on practical tests and measurements carried out by professional users according to the specifications of the Expert Committee on Health and safety equipment of KWF e.V.**

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<b>Test completion</b>	<b>February 2023</b>	KWF Services GmbH
<b>Approval until</b>	<b>February 2028</b>	Spremlberger Straße 1
<b>First approval</b>	<b>February 2013</b>	64823 Groß-Umstadt
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