

TEST REPORT



Cut-resistant trousers Profiforest “Extreme”, “Kevlar II” and “Summer”

Test no. 6275a



Trousers Extreme, 92-471



trousers Kevlar II, 92-472-02-3



trousers Extreme for ladies,
92-459-01



Summer, 92-492-01-2
(also as “Visible” in signal colour
with reflecting stripes, 92-496-01)



Owner of the certificate

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Results and assessments

Results from the 2013 practice research.

Brief description

<u>Trousers:</u>	normal cut with CE-tested cut protection; Trouser for Ladies available as well.
Material (Extreme)	Upper material 92% polyamide, 8 % Spandex/Cordura, lining 100 % polyester, washable at 30°C; trouser "summer" at 40°C.
Weight:	approx. 1380 g (size M)
Type and description:	robust cut protection trousers, 2 front, 1 upper thigh, 1 rear and 2 ruler pockets comfortable to wear due to bi-elastic materials, Cordura reinforced knees, RipStop fabric on front (Extreme), or thornproof front and robust Kevlar reinforcement (trousers Kevlar). Integrated dirt and tick gaiters, upper thigh ventilation slits with zip fasteners, web lining.
	available size range: (Extreme): XS-XXL, long and short sizes available; (Kevlar): XS-XXL.
<u>Cut protection:</u>	Trouser cut A, protection class 1, tested by DPLF (KWF), Test number K-EG 2011/6068.
Construction	5 layers cut protection material
Mode of action	braking and blocking

Overall assessment

Application field:

All-year forest work, especially using chainsaw.

The trousers were worn for a total of 1040 workdays during the test at all test centres

	Test item	Overall evaluation
Trousers Extreme	Comfort	+
	Durability	+/++
	Features	+
	Care	+/O
Overall rating trousers:		good

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

The trouser model "Kevlar" was tested in a condensed follow-up test procedure and compared with the trouser model "Extrem". Both have received KWF-Profi approval. This test report does not include a separate evaluation of these products; however, they are mentioned in the individual opinions.

Individual data from the practical testing of the object

Trousers Extrem	Opinions (+)	Opinions (-)
Comfort	The waist corresponds with the garment size. Both trousers were described as rather warm and useful as winter trousers.	Test persons described these trousers as being rather heavy. In some cases, the slim cut of the trouser legs caused some constriction at the knee, which also prevented the wearing of functional underwear in winter. Test persons would prefer a greater flexibility and a wider fit for both trouser models.
Durability	Both trousers were described as being tough. The model "Kevlar" is also suitable for terrain with thorny vegetation.	
Features	The water repellence of both trousers is quite good. The ventilation slit zippers do not interfere and have the effect of widening the trousers at the knee (positive).	Breathability was described as rather low, a tendency for heat to accumulate was noted for both trousers.
Care	Good form and colour retention.	Dirt cannot be removed completely; the permitted washing temperature is too low at 30°C.

Trousers Summer	Opinions (+)	Opinions (-)
Comfort	The waist corresponds with the garment size.	The trouser does not offer any special comfort in summer time. It is very similar to the trouser "Extreme"
Durability	Even the summer trouser was described as being tough.	
Features	The ventilation openings were sensed positive, particularly the ventilation opening at the waistband.	Breathability was described as rather low. The braces and the elongation of the trouser at the back site is too long, the "Y" of the braces are situated very high.
Care	Good form and colour retention.	

For the model Visible according to EN ISO 20471 (92-496-01) 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.

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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First approval	February 2013	64823 Gross-Umstadt
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