

TEST REPORT

Protective Pants PSS “X-treme Light“ and Shirt “X-treme Skin“



X-treme Light



X-treme Skin

Owner of the test certificate

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KWF-Utility Value Approval:

March 2020

Valid for: 5 years

(extension possible)

First approval March 2015

Test-No. 7057

SHORT DESCRIPTION

Pants X-treme Light:	normal cut with CE-tested cut protection
Material	Outer material mixed fabric made of 90% Nylon with Spandex and Cordura, Polyester
	lining, washable at 40 °C.
Weight	1088 g (L),
Type and description	lightweight pants with large ventilation slits, back of pants made of elastic fabrics for comfortable fit, 1 upper thigh pocket, 2 front pockets, 1 rear pocket, all with sealed zipper, knee reinforcement, reinforced lower shin, functional fabric inner lining. The pants dispense with a rear pocket and ruler pocket to prevent pressure points while climbing.
<u>Cut protection:</u>	Pants design A, protection class 1, tested by FIOH, Helsinki; Finland
Construction	5 layers cut protection material
Mode of action	retarding and blocking

The corresponding jacket X-treme Vario does not have any KWF-approval anymore since 2019, because the new version does not comply with the KWF – requirements for the colours of forest work jackets.

Shirt X-treme Skin:	100 % Coolmax® functional fabric, conspicuous signal colour patches, small chest pocket, banded collar and zipper; washable at 40 °C.
Weight	211 g (L)

OVERALL EVALUATION

Results of the test 2015

Application field: All-year forest work, especially with chainsaw.
For the field test, the garments were worn for 727 days at all test stations together.

	Test item	Overall evaluation
Hose X-treme Light	Comfort	+/++
	Durability	+
	Features	+
	Care	+/++
Overall rating pants:		good - excellent

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

INDIVIDUAL OPINIONS FROM THE PRODUCT TEST:

Pants	Comments (+)	Comments (-)
Comfort	The test persons appreciated the good ventilation properties and fit of these very light summer pants. Freedom of movement is good. The pants were rated excellent in the categories "Weight ", "feeling against the skin", "Ventilation ", "Comfort in warm conditions" and "Breathability". These very good results emphasize the suitability of these pants for summer work.	The lightweight upper material soaks up moisture relatively fast..
Durability	The fabric is easy to repair, the upper material is easy to access.	The durability of the upper layer was described as average, the trousers should not be used on sites with much thorny growth, since the material is liable to be damaged.
Features	The position and size of the zippers were praised. Test persons also noted that these zippers were easier to use than those of the jacket.	There are no back, ruler or tool pockets to ensure comfort while climbing. This was criticized by test persons working on the ground. For this reason the features received only a satisfactory grade, which resulted in a slight downgrading of the otherwise very good overall result..
Care	The pants are easy-to-care - dirt is easy to remove.	

The tested functional shirt X-treme Skin was rated comfortable and described as a good shirt for the summer. The signal colour patches comply with FPA basic requirements and ensure good visibility when worn without the jacket.

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