

TEST REPORT

Cut Protection Pants PSS "X-treme Air 5x5"



Owner of the test certificate

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KWF-Utility Value Approval:
February 2020
Valid for: 5 years
(extension possible)
First approval: July 2015

Test No. 6418

SHORT DESCRIPTION

Pants X-treme Air:	normal cut with CE-tested cut protection
Material	Outer material mixed fabric made of 89% Polyester with 11% Spandex, Nylon and Kevlar reinforcements, Polyester lining, washable at 40 °C.
Weight	1380 g (L),
Type and description	lightweight pants with large ventilation slits, elastic fabrics for comfortable fit. 1 upper thigh pocket, 2 front pockets, 1 rear pocket, all with sealed zipper, 1 chainsaw key pocket/ruler pocket. Knee reinforcement, reinforced lower shin, functional fabric inner lining.
<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

These cut protection pants go together well with the jacket X-treme Vario (Test number 7057), the shirt X-treme Skin (Test number 7057) and the rain jacket X-treme rain (Test number 6418a).

OVERALL EVALUATION OF THE TEST 2015

Application field: All-year forest work, especially with chainsaw.

For the field test, the trousers were worn for 691 days at all test stations together.

	Test item	Overall evaluation
Pants X-treme Air	Comfort	+
	Durability	+ / ++
	Features	+
	Care	+
Overall rating pants:		good

++ = 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 pants. They are suitable for all seasons. Freedom of movement is good. The pants were rated good to excellent in the categories "Comfort in wet conditions", "Comfort in warm and cold conditions" and "Fit". These very good results emphasize the suitability of these pants for all-year work.	In some cases, saw dust entered the pants via the ventilation slit zippers.
Durability	The fabrics showed no signs of damage during the test period. The knee and shin reinforcements proved to be tough, even in contact with blackberry thorns.	The measuring tape fixing loop and press-stud for the chainsaw key proved to be not very durable.
Features	The test persons appreciated the positioning and sizes of the zippers. The pants repelled water very well and did not stick to the skin.	The positions of the upper thigh pocket and the pocket for the chainsaw key are not so useful.
Care	The pants are easy-to-care - dirt is easy to remove.	Oil and resin stains are difficult to remove from the light-coloured fabrics.

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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