

PROTECTIVE GLOVES AGAINST THERMAL RISKS – INSTRUCTIONS

PRODUCT DESCRIPTION

Gloves **400 PRO** and **AL 400 PRO** are designed to protect against short-term effects of extreme heat. Gloves are used either separately or in combination with appropriate protective clothing. They provide the necessary protection while maintaining sufficient comfort and mobility, together with the possibility of a fast taking off in a case of emergency. Gloves are made from the highest quality textiles of European origin. The fabrics being used are specially designed to meet requirements of current EU technical and hygienic standards. The **outer layer** is made of synthetic refractory fabric, inner layers of insulating felt and cotton. 100% Para-Aramid (Twaron®) non-flammable threads are used for all outer seams. Gloves are produced in accordance with EU standard EN 420+A1 and EN 407 in universal size (approx. 10) with the option of style and size choice according to the needs of user. The most suitable version of the glove can be chosen according to required protection degree and the type of thermal risks.

Aluminized gloves (AL) provide protection against all kinds of thermal risks and they are produced in these type variations / patterns:

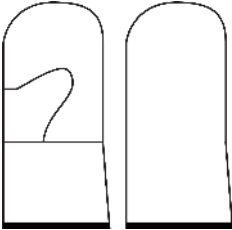
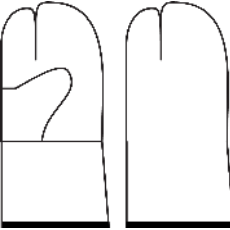
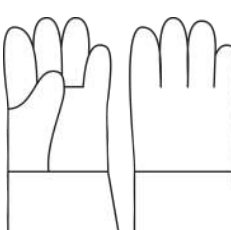
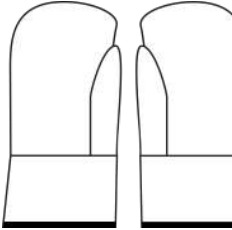
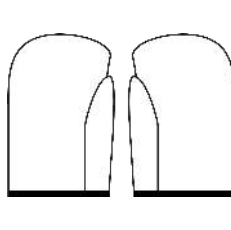
Mittens (AL 400 PRO), 3-fingers gloves (AL 3/400 PRO) and 5-fingers gloves (AL 5/400 PRO).

Gloves without „aluminization“ are not intended for protection against radiant heat and molten metal splashes.

They are produced in these type variations / patterns:

Mittens (400 PRO), 3-fingers gloves (3/400 PRO), 5-fingers gloves (5/400 PRO), reversible mittens (10M400 PRO) and short style reversible mittens (10/400 PRO).

TYPE VARIANTS (STYLES), OVERVIEW AND LABELLING

ALUMINIZED MITTENS: AL 400 PRO (*800)	ALUMINIZED MITTENS: AL 3/400 PRO (*800)	ALUMINIZED MITTENS: AL 5/400 PRO (*800)	Notice: *800 = reinforcement of gloves by Series 800 material with marking (800).	
				
MITTENS: 400 PRO (*800)	3-FINGER STYLE GLOVES: 3/400 PRO (*800)	3-FINGER STYLE GLOVES: 5/400 PRO (*800)	REVERSIBLE MITTENS: 10M400 PRO (*800)	SHORT STYLE REVERSIBLE MITTENS: 10/400 PRO (*800)

PURPOSE OF USE

Gloves are designed to effectively protect against short-term effects of extreme heat at **work and handling with objects up to 350°C**, even higher for short periods (approx. to 500°C). Aluminised gloves/mittens provide reliable protection against all types of heat risks with emphasis on radiant heat and molten metal splashes (back side). Gloves/mittens without aluminized back are not designed to protect against radiant heat and molten metal splashes. **The selection of appropriate gloves/mittens and the way of their use must be consulted and approved by the authorised person who responsible for safety at work.**

MAINTENANCE, STORAGE, DISPOSAL OF WASTE

Gloves/mittens do not require any special maintenance. Coarse dirt should be removed mechanically by a damp cloth for example. Do not use any solvents, objects or tools, that could damage the gloves. Gloves/mittens should not be washed, bleached, ironed, chemically cleaned or dried in a tumble dryer. Gloves/mittens do not require any special precautions for storage or handling. Storage is recommended in dry and ventilated area, out of direct sun light or UV light sources.
Due to the harmlessness of all used materials, damaged and discarded gloves can be disposed of in a standard manner.

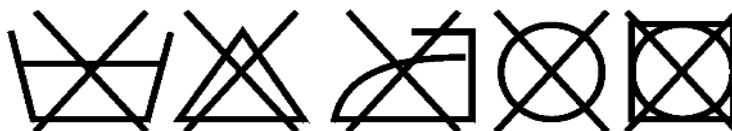
PRECAUTIONS, PRODUCT AGING

Gloves/mittens are fully functional only dry, in the original version without unprofessional intervention and/or adjustment. It is necessary to check their integrity, outer layers state including aluminiation status, degree of pollution and moisture content.
Gloves/mittens should be immediately removed from further use in case of any damage or quality doubt concerns due to wear (for example: tear, ripping, burning or abrasion through, pollution, fat absorption, moistening ...).
Details regarding the negative impact of aging process to protective and other products properties are not yet known. Proper storage of products does not affect their protective and other properties. Despite this, the manufacturer recommends using and consume the product not later than 3 years after the acquisition of the goods.

CAUTION

The use of moistened gloves/mittens may cause peeling of ALU layer and consequently damage the integrity of the aluminizing, which means irreversibly destroyed product. Dirty, damp or greased gloves lose their original functionality and declared levels of protection. Glove repairs and modifications, or structural modifications are prohibited.
DO NOT EXPOSE GLOVES/MITTENS TO EXTREME HEAT and TO MOISTURE NEEDLESSLY.

EXPLANATION OF TREATMENT PICTOGRAMS (STN EN 23758/Z1)



No laundry - No bleaching - No ironing - No chemical cleaning - No tumble dryer drying

Instructions for use, declaration of conformity:			Page /Pages	
THERMAL RISK GLOVES			TYPE	SAFEPRO
PN SAFEPRO	TD R2019.05	Revision / Update: 6 (12/2021)	400 PRO, AL400 PRO	1 / 2

EU DECLARATION OF CONFORMITY

The subject of the declaration is in accordance with the REGULATION (EU) 2016/425 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686 / EEC.


DECLARATION OF CONFORMITY ISSUES	SAFEPRO s.r.o, Lesná 6/1604, 040 01 Košice, Slovenská Republika Commercial register: District Court Košice I, Insertion no.: 11947/V, Reg.no.: 36 201 626, VAT no.: SK2010538002
AS A PRODUCT MANUFACTURER (SUBJECT OF MATTER)	PROTECTIVE GLOVES AGAINST THERMAL RISK
<i>Gloves/mittens with aluminized backside, TYPE</i>	AL400 PRO , Type variations / patterns: AL 3/400 PRO, AL 5/400 PRO
<i>Gloves/mittens without aluminized backside, TYPE</i>	400 PRO Type variations / patterns: 3/400 PRO, 5/400 PRO, 10M400 PRO, 10/400 PRO
PURPOSE OF USING	Gloves are designed to protect against short-term effects of extreme heat at work and handling with objects up to 350°C , even higher for short periods (approx. to 500°C). Aluminised gloves/mittens provide reliable protection against all types of heat risks. Gloves/mittens without aluminized back are not designed to protect against radiant heat and molten metal splashes.

MANUFACTURER DECLARES THAT:



These products are safe in the intended use and measures are taken to ensure that all products placed on the market are in conformity with the technical documentation and they are identical to the personal protective equipment which is the object of Final Test Reports no. 070/18 and 071/18 z 10/04/2018, which serve as a basis for issuing certificates of types no.: 00070/11/1/2018 and 00071/11/1/2018.


NOTIFIED BODY	Notified body no. 2369 VIPO, a.s., Gen. Svobodu 1069/4, 958 01 Partizánske, Slovak republic
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These certificates confirm the compliance of that type of product characteristics with the technical requirements specified by the harmonized standards **STN EN 420+A1 Protective gloves. General requirements and test methods** and **STN EN 407 Protective gloves against thermal risks (heat and/or fire)**.

In Košice, date: 10/12/2021	<p>This Declaration of Conformity is issued by producer exclusively and for his responsibility. All related documents, including technical documentation, are stored and archived by the manufacturer. This product is marked with the CE conformity label.</p>  <p>Ing. Ján Urbančík, PhD. executive manager</p>
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Explanation of pictograms - performance levels according to STN EN 407:

GLOVES/MITTENS WITHOUT ALUMINIZED BACKSIDE (no AL)			GLOVES/MITTENS WITH ALUMINIZED BACKSIDE (Aluminized, AL)		
STN EN 407	4	Flammability, limited flame spread - after-flame time ≤ 2 s - after-glow time ≤ 5 s	STN EN 407	4	Flammability, limited flame spread - after-flame time ≤ 2 s - after-glow time ≤ 5 s
	3	Contact heat - heat transfer delay from surface to inside of gloves, at least 15 seconds for 350 °C		3	Contact heat - heat transfer delay from surface to inside of gloves, at least 15 seconds for 350 °C
4 3 4 x x x	4	Convective heat - convective heat (flame) transfer delay to the inside of gloves ≥ 18 s	4 3 4 4 x 4	4	Convective heat - convective heat (flame) transfer delay to the inside of gloves ≥ 18 s
Protective gloves against thermal risks (heat and/or fire)	X	Radiant heat	Ochranné rukavice proti tepelným rizikám	4	Radiant heat - radiant heat transfer delay from aluminised surface to the inside part, pain threshold ≥ 90 s
	X	Small splashes of molten metal		X	Small splashes of molten metal
(no AL)	X	Large splashes of molten metal	(Pohlinikované AL)	4	Large splashes of molten metal - the weight of the molten metal needed to damage the foil placed in the glove ≥ 200 g

	2369	EC CONFORMITY MARK - VIPO, a.s., ul. gen. Svobodu 1069/4, 95801 Partizánske, SK, Notified body no. 2369
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