

## USER INSTRUCTIONS

### PRODUCT CODE : 2C13 WINTER FLASH

Safety category: II

#### GLOVE DESCRIPTION:


The gloves are string knitted liner made of two layers. Outer layer is nylon-spandex with soft nitrile based coating and inner layer

is acrylic with terry loops. The coating provides maximum dexterity, much more comfort and breathability. Soft nitrile-based coating not only enhance protection level but also provides good dry and wet grip. This glove provides good protection against abrasion and tear in dry handling. Excellent fit and flexible wearing.

**WARNING:** Do not use near moving machinery if there is a risk of entanglement. Gloves with two or more layers the overall classification does not necessarily reflect the performance of outmost layer. Gloves meeting the requirement for resistance to puncture may not be suitable for protection against sharply pointed objects such as hypodermic needles. Do not expose to a naked flame if the product has not obtained at least a level 1 in the limited flame spread test. For multi-layer gloves, performance levels are applicable to the whole glove including all layers. Glove may lose its insulate property when wet.


**USE:** Gloves are designed to protect against category II risk, which may include: general material handling, assembly and maintenance glove providing protection against slip, dirt and moderate mechanical workload. Suitability of the product is to be ascertained per each particular work application as part of the end users risk assessment program. Use protective gloves only for the intended use and the right size. Check for damage before use, never use damage glove. If a protection against impact is specified, the scope of protection does not apply to the finger. For dulling during the cut resistance test, the coupe test results are only indicative while the TDM cut resistance is the reference performance results. None of the materials or processes used in the manufacture of these products is known to be harmful to the wearer. Please consider Environmental Temperature, Atmospheric Conditions, Wind Speed, Health and well-being of the person, effect of other protective clothing worn by the person, time of exposure, activity level, dexterity requirement, contact with cold items and contact with wet or dry objects when selecting this PPE.


**Note:** The performance characteristics of worn and laundered gloves may differ from the results shown below.

 EN 388:2016+A1:2018 4232B	Mechanical test data	Result	Mechanical Property	Level 1	Level 2	Level 3	Level 4	Level 5
	Abrasion resistance	Level 4	Abrasion (Cycles)	100	500	2000	8000	-
	Cut resistance	Level 2	Cut (Index)	1.2	2.5	5.0	10.0	20.0
	Tear resistance	Level 3	Tear (Newton)	10	25	50	75	-
	Puncture resistance	Level 2	Puncture (Newton)	20	60	100	150	-
	TDM cut resistance	Level B	Cutting force (Newton)	A >2, B >5, C >10, D >15, E >22, F >30				

X means test not tested

The results are taken from the palm area of the gloves. The protection level increases with performance class.

<div>EN 407:2020</div> <div></div> <div>X1XXXX</div> <div>Caution: Gloves must not come directly with naked flame</div>	Test data in accordance with EN 407 :2020		Test EN 407 :2020		Results measured in :	Level			
						1	2	3	4
	Test	Result	No	After-flame time	Seconds	≤ 15	≤ 10	≤ 3	≤ 2
	Limited flame spread	X	1	After-glow time	Seconds	No requirement	≤120	≤25	≤5
	Contact heat	1	2	Contact heat	Temp in °C after 15 seconds	100	250	350	500
	Convective heat	X	3	Convective heat	Seconds	>4	>7	>10	>18
	Radiant heat	X	4	Radiant heat	Seconds	>7	>20	>50	>95
	Small Splashes of molten metal	X	5	Small Splashes of molten metal	Number of drops	>10	≥15	≥25	≥35

	Large quantities of molten metal	<b>X</b>	6	Large quantities of molten metal	Gram	30	60	120	200
	Test	Performance level	Thermal resistance R in m <sup>2</sup> K/W						
			1	2	3	4			
	Contact cold	2	0.025≤R<0.050	0.050≤R<0.100	0.100≤R<0.150	0.15≤R			

These pictograms indicate that the product protects against Mechanical risks, heat risks and conductive cold and complies under EN 388:2016+A1:2018, EN 511:2006 and EN 407:2020. The numbers indicate performance levels. Dexterity Performance level is 5 in according with EN ISO 21420:2020. All EU type examinations were carried out by SATRA Technology Europe Limited. Bracetown Business Park, Clonee, D15YN2P, Republic of Ireland (Notified body No. 2777) in accordance with PPE EU Regulation 2016/425.

**MARKING:** Name of manufacturer, Style, Size, CE Mark, Mechanical and Heat pictograms with performance levels.

**STORAGE:** Gloves should be ideally stored at 5-25°C in dry, well ventilated area in original package. Prevent direct sunlight.

**DISPOSAL:** Used gloves may be contaminated with infectious or other hazardous materials. Please dispose according to local authority regulations. Landfill or incinerate under controlled conditions.

**CLEANING / MAINTENANCE:** Both new and used gloves should be thoroughly inspected before being worn to ensure no damage is present. Gloves should not be left in contaminated condition; if reuse is intended in which case gloves should be cleaned by rinsing with water. Cleaning and disinfection is not intended for these gloves.

**GLOVE DONING:** Ensure the selection of appropriate glove size. Check for any physical damages, glove condition and contamination prior to each use of glove.

**GLOVE DOFFING:** Remove the glove as soon as it wear off or damaged. It is advisable to ease left and right gloves off alternately using the gloved hand so that the gloves are removed without contacting bare hands.

**OBSOLESCENCE:** When stored as recommended will not suffer change in mechanical properties for up to 5 years from the date of manufacture. Service life cannot be specified and depends on the application and responsibility to user to ascertain suitability of the glove for its intended use.

Available Sizes: XS/6, S/7, M/8, L/9, XL/10, XXL/11, 3XL/12

\*Gloves for special purpose (Where risk to wrist area is minimal). Glove size measurements are made when the glove is laid flat and relaxed. The stretch property of these products allows the gloves to accommodate the hand size quoted above.

**PLEASE NOTE:** The results of the physical tests should help in glove selection however it must be understood that actual conditions of use cannot be simulated and it is the responsibility of the end user and not the manufacturer to determine glove suitability for the intended use.

The declaration of conformity and the technical sheet can be downloaded at: <https://magazin.renania.ro/>  
More information can be obtained from: **Renania Trade S.R.L., Dezrobirii str. no. 19, 540240 TG MURES, RO**