

**USER INSTRUCTIONS**

**PRODUCT CODE : 2C09 TOPCUT**

**Safety category: II**

**GLOVE DESCRIPTION:**

Seamless gloves made with steel, HPPE, nylon - spandex blend for wearer comfort. Soft nitrile based coating provides maximum dexterity, higher abrasion, excellent grip, breathability and excellent fit, while steel-HPPE provides higher cut resistance. Ideal for glass handling, sheet metal operations, metal fabrication, injection molding operations, glass and ceramics handling, automotive industry

**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 open flame if the glove has a performance level 1 or 2 in burning behavior. For multi-layer gloves, performance levels are applicable to the whole glove including all layers

**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

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

**TECHNICAL DETAILS:**

EU type examinations were carried out by SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, Dublin 15, D15 YN2P, Ireland, Tel: +353 (0) 1 437 2484. (Notified Body No. 2777) in accordance with PPE Regulation (EU) 2016/425.

Tested according to EN388:2016, EN 407:2004 and EN 420:2003+A1:2009.

Dexterity: level 5

Mechanical test data in accordance with EN 388:2016

Mechanical test data	Result	Mechanical Property	Level 1	Level2	Level 3	Level4	Level 5
Abrasion resistance	<b>Level 4</b>	Abrasion (Cycles)	100	500	2000	8000	-
Cut resistance	<b>Level X</b>	Cut (Index)	1.2	2.5	5.0	10.0	20.0
Tear resistance	<b>Level 4</b>	Tear (Newton)	10	25	50	75	-
Puncture resistance	<b>Level 2</b>	Puncture (Newton)	20	60	100	150	-
TDM cut resistance	<b>Level F</b>	Cutting force (Newton)	A>2 ;B>5 ;C>10 ; D>15 ; E>22 ; F>30				

Test data in accordance with EN 407 :2004		Test EN 407 :2004		Results measured in :	Level			
					1	2	3	4
Test	Result	No	After-burn time	Seconds	≤ 20	≤ 10	≤ 3	≤ 2
Burning Behaviour	<b>X</b>	1	After-glow time	Seconds	Infinit	≤120	≤25	≤5
Contact heat	<b>1</b>	2	Contact heat	Temp in °C after 15 seconds	100	250	350	500
Convective heat	<b>X</b>	3	Convective heat	Seconds	≤4	≤7	≤10	≤18
Radiant heat	<b>X</b>	4	Radiant heat	Seconds	≤5	≤30	≤90	≤150
Small Splashes of molten metal	<b>X</b>	5	Small Splashes of molten metal	Number of drops	≥5	≥15	≥25	≥35
Large quantities of molten metal	<b>X</b>	6	Large quantities of molten metal	Gram	30	60	120	200

EN388:2016



4 X 4 2 F

EN407:2004



X1XXXX

**Test results are applicable to palm area of the glove**

X = not tested

This Pictogram indicates that the product protects against mechanical risks and heat risks and complies under EN 388:2016 and EN 407:2004. The numbers indicate performance levels.

Declaration of conformity can be obtained from: <https://magazin.renania.ro/>

**MARKING:** Name of manufacturer, style, size, pictograms, performance level, batch number & CE mark

**Available Sizes: 7(S), 8(M), 9(L), 10(XL), 11(XXL)**

\*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.

**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. Dry clean or disinfection is not recommended.

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

**LIMITATION OF USE / RISKS :** Gloves are designed to protect hands in the working environment in accordance with EN388:2016, EN 420:2003+A1:2009. When selecting a glove based on risk analysis of intended application, it should be understood that the protection is limited to risk levels and standards mentioned above.



+40 265 264 817

**STORAGE**

Gloves should be ideally stored in dry and cool conditions in original package, away from direct sunlight.

**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 it is the responsibility of user to ascertain suitability of the glove for its intended use.

**GENERAL**

Where possible the materials are not known to be harmful to the wearer but some products may contain latex and this can cause allergic reactions in some individuals. For latex based variants, in case of hypersensitivity please seek medical advice

**PLEASE NOTE**

The results of the physical tests should help in glove selection, and it is the responsibility of the end user and not the manufacturer to determine glove suitability for the intended use.

More information can be obtained from: **Renania Trade S.R.L., str. Dezrobirii nr. 19, 540240 TG MURES , ROMANIA**



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