

## TECHNICAL DATA SHEET

**PRODUCT CODE: 1061**



**Description:** : machine knitted double layer 100% Kevlar sleeves, with thumb opening. Length: 25 cm, 36 cm or 56 cm.

**Safety category: Category II**

**Use :** This is a knitted 100% Kevlar double layer sleeves will withstand abrasion in dry handling conditions & possess a very good cut, tear & Puncture resistance. Not suitable for use with liquids. Do not subject to high speed or serrated blades or when there is a risk of trapping by moving machine. Not suitable for contact with naked flames. Protection levels below mentioned are measured on the forearm of the sleeve.

The overall classification does not necessarily reflect the performance of outmost layer. Never use them when there is a risk of trapping by mobile machines parts. None of the materials or processes used in the manufacture of these products is known to be harmful to the wearer.

The product is in compliance with the PPE Regulation (EU) 2016/425.

Sleeve pH 7.6. Azo colorants were not detected when tested according to the regulation REACH 1907/2006 Annex XVII Entry number 43.

**Technical data:** EU type examination carried out by: SATRA Technology Europe Ltd, Bracetown Business Park, Clonee, Dublin 15, D15 YN2P, Ireland, Tel: +353 (0) 1 437 2484, notify body nr. 2777 in compliance with the PPE Regulation (EU) 2016/425.

Tested according to EN 388:2016+A1:2018, EN 407:2020 and EN ISO 21420: 2020

### Mechanical test data in accordance with EN 388:2016+A1:2018

Mechanical test data	Result	Mechanical Property	Level 1	Level 2	Level 3	Level 4	Level 5
Abrasion resistance	Level 1	Abrasion resistance (Cycles)	100	500	2000	8000	-
Cut resistance	Level 3	Cut resistance (Index)	1.2	2.5	5.0	10.0	20.0
Tear resistance	Level 4	Tear resistance (Newton)	10	25	50	75	-
Puncture resistance	Level 3	Puncture resistance (Newton)	20	60	100	150	-

For dulling during the cut resistance test, the cut (coupe) test results are only indicative, while the TDM cut resistance test is the reference performance result.

EN388:2016+A1:2018 Resistance	TDM	Cut	Level	A	B	C	D	E	F
Result - Level C			Force in Newton	>2	>5	>10	>15	>22	>30

EN 407:2020 Test		EN 407:2004 Test		Results measured in:	Level			
Test	Result	Nr			1	2	3	4
Limited flame spread	X	1	After-burn time	Seconds	≤ 20	≤ 10	≤ 3	≤ 2
Contact heat	I	1	After-glow time	Seconds	infinity	≤ 120	≤ 25	≤ 5
Convective heat	X	2	Contact heat	Temp in °C after 15 seconds	100	250	350	500
Radiant heat	X	3	Convective heat	Seconds	≤ 4	≤ 7	≤ 10	≤ 18
Drops of molten metal	X	4	Radiant heat	Seconds	≤ 5	≤ 30	≤ 90	≤ 150
Molten metal	X	5	Drops of molten metal	Number of drops	≥ 5	≥ 15	≥ 25	≥ 35
		6	Molten metal	Gram	30	60	120	200

EN 388:2016+A1:2018



1 3 4 3 C

EN 407:2020



X 1 X X X X

**Test results are applicable to arm area of the sleeve**

Tested in accordance with EN 388:2016+A1:2018,  
EN 407:2020 and EN ISO 21420: 2020

"X - Not tested"



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*Sleeve performance quoted is based on laboratory data and may not reflect the actual duration of protection in the workplace due to other factors influencing the performance such as temperature, abrasion, degradation etc. 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.*

**Marking:** Manufacturer's name, model number, size, CE marking, and relevant performance level icons.

**Note:** The results of the physical tests may be helpful in selecting the sleeves, however it is the responsibility of the end user and not the manufacturer to determine the suitability of the glove for the intended purpose.

The declaration of conformity and the user instruction sheet can be downloaded at: <https://magazin.renania.ro/>

Any other information can be obtained at:

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