

ŻBIK

Protective gloves for welders

The gloves are made of the highest quality cow split leather in the cuff and the back, while the palm is made of grain cow leather, which ensures high level of protection parameters and high dexterity. They feature high durability.

External seams made of flame retardant Kevlar® threads.

Dedicated to protect hands when performing most of welding work and allied processes, including both more hazardous welding techniques (type A) and welding works requiring dexterity e.g. TIG (type B).

The gloves meet general requirements for personal protective equipment provided in Regulation (EU) 2016/425 and in the Harmonized Standards: EN 21420, EN 388, EN 407 and EN 12477.



Technical Information:

Material:	cow split and grain leather, Kevlar®
Performance level:	2143X, 412X4X
Sizes:	10
Order numbers:	R-I-ŻBIK

EN 388 Protective gloves against mechanical risks

EN 388



2143X*

*Performance level	1	2	3	4	5	
Resistance to abrasion / cycles	100	500	2000	8000	-	
Cut resistance / index	1,2	2,5	5	10	20	
Tear strength [N]	10	25	50	75	-	
Puncture resistance [N]	20	60	100	150	-	
	A	B	C	D	E	F
Cut resistance (TDM) [N]	2	5	10	15	22	30

The letter X means that the test was not performed.

Performance levels in accordance with EN 407 standard

*Performance level

		1	2	3	4
Burning behaviour	After-flame time [s]	≤ 20	≤ 10	≤ 3	≤ 2
	After glow time [s]	-	≤ 120	≤ 25	≤ 5
Contact heat	Contact temperature [°C]	100	250	350	500
	Threshold time t ₁ [s]	≥ 15	≥ 15	≥ 15	≥ 15
Convective heat	Heat transfer index HTI [s]	≥ 4	≥ 7	≥ 10	≥ 18
Radiant heat	Heat transfer index t ₂₄ [s]	≥ 7	≥ 20	≥ 50	≥ 95
Small splashes of molten metal	Number of drops	≥ 10	≥ 15	≥ 25	≥ 35
Large quantities of molten metal	Molten iron [g]	30	60	120	200

EN 407



412X4X*

 EN 388 EN 407
 2143X 412X4X
 EN 12477, A I B

 120
12
