



## ŻUBR® PREMIUM

### Protective gloves for welders

Made of the highest quality cow split leather. Provided with a fully lined inside.

Places most exposed to damage, such as part of the thumb and index finger have an additional application of cow split leather.

External seams made of flame retardant Kevlar® threads.

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

### Technical Information:

|                    |   |
|--------------------|---|
| Material:          | cow split leather, Kevlar®                                |
| Performance level: | 3133X, 413X4X   |
| Sizes:             | 10 (length: 14 inch),<br>11 (length: 16 inch)             |
| Order numbers:     | R-I-ŻUBRPREMIUM-XX*<br><small>*insert size for XX</small> |

### EN 388 Protective gloves against mechanical risks



3133X\*

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

The letter X means that the test was not performed.

### Performance levels in accordance with EN 407 standard



413X4X\*

| * 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]          | <b>100</b>                              | 250   | 350         | 500         |
|                                  | Threshold time t <sub>t</sub> [s] | ≥ <b>15</b>                             | ≥ 15  | ≥ 15        | ≥ 15        |
| Convective heat                  | Heat transfer index HTI [s]       | ≥ 4                                     | ≥ 7   | ≥ <b>10</b> | ≥ 18        |
|                                  | Radiant heat                      | Heat transfer index t <sub>24</sub> [s] | ≥ 7   | ≥ 20        | ≥ 50        |
| Small splashes of molten metal   | Number of drops                   | ≥ 10                                    | ≥ 15  | ≥ 25        | ≥ <b>35</b> |
| Large quantities of molten metal | Molten iron [g]                   | 30                                      | 60    | 120         | 200         |


 EN 388 EN 407  
3133X 413X4X  
EN 12477, A