

# Manufacturer's Information

pursuant to Regulation (EU) 2016/425, Appendix II, Section 1.4. (Published in the Official Journal of the European Union)

Please read carefully before using! You are required to enclose this information leaflet when passing on the personal protective equipment, or to present it personally to the recipient. You may therefore reproduce this leaflet at your own discretion.

## Declaration of Conformity

These gloves are classified as personal protective equipment (PPE). The CE mark confirms that the product satisfies the applicable requirements of Regulation (EU) 2016/425.

### A. Markings on the gloves:

Trademark, model no., size, CE icon, testing institute identification number, pictograms, i-mark, factory icon with month/year of manufacture

- Brand label of manufacturer
- 1977 Article no. of the manufacturer
- 10/XL Size of gloves (example)
- Pictograms with the corresponding numbers of the relevant European PPE standards (example, detailed pictogram see previous pages).
- The CE marking confirms compliance with the requirements of European Regulation 2016/425.
- 0120 Four-digit number of the testing institute, which monitors the quality assurance of the manufacturer. This will be attached to the CE mark on the product.
- i mark: Reference to the manufacturer's information.
- Date of manufacture month/year: 00/0000

### B. Explanation and numbers of the standards whose requirements the gloves satisfy:

Standards retrieved from: the Official Journal of the European Union. Available from Beuth Verlag GmbH, 10787 Berlin, www.beuth.de.

#### EN 420:2003+A1:2009 - General requirements and test methods for gloves

#### EN 388:2016 - Protective gloves against mechanical risks:

Protective gloves against mechanical risks must achieve at least Level 1 for at least one of the properties (abrasion, cut, tear and puncture resistance) or at least Level A of the TDM cut resistance test according to EN ISO 13997:1999.

- Abrasion resistance: The number of cycles needed to wear through the test glove.
- Cut resistance: The number of text cycles in which the sample is cut through at constant speed.
- Tear resistance: The force needed to continue tearing the cut sample.
- Puncture resistance: The force needed to puncture the sample using a standardized test stylus.

#### EN 388:2016

Test criteria	Rating	Article 1977
A = Abrasion resistance	0 - 4	2
B = Cut resistance (Coupe test)	0 - 5	5
C = Tear resistance	0 - 4	4
D = Puncture resistance	0 - 4	1
E = Cut resistance (TDM) according to EN ISO 13997:1999	A - F	C
F = Impact protection test according to EN 13594:2015	P	X

The higher the test number, the better the test performance. X means 'not tested'. P means 'passed'.

Test	1	2	3	4	5
A = Abrasion resistance (number of abrasion cycles)	100	500	2000	8000	-
B = Cut resistance (index) Coupe test	1,2	2,5	5,0	10,0	20,0
C = Tear resistance (N)	10	25	50	75	-
D = Puncture resistance (N)	20	60	100	150	-

Test	A	B	C	D	E	F
E = Cut resistance according to EN ISO 13997:1999 (N)	2	5	10	15	22	30
Article 1977			14			

#### EN 13594:2015 - Impact protection :

Every area specified as providing protection against impact must be tested. The test method (dimensions of the test sample) does not permit impact testing of the finger protection. Gloves to protect against mechanical risks may be designed and manufactured in such a way that they offer specific impact damping (e.g. impact protection on the knuckles, the back of the hand, the palms). These gloves must satisfy the requirements of Level 1 according to EN 13594:2015 .

The results of the Coupe test must only be taken as indications if blunting occurs during the cut resistance test (B), while the TDM cut resistance test (E) provides reference results in regard to performance.

#### WARNING:

**The overall classification for gloves with two or more layers does not necessarily indicate the performance of the outermost layer. Gloves with mechanical resistance that achieve and demonstrate Level 1 tear resistance (C) or higher must not be worn if there is a risk of them catching when operating machines with moving parts. Tests are taken from the palm area of the glove.**

#### EN 407:2004 - Protective gloves against thermal risks:

##### EN 407:2004

test criteria	Possible ratings	Article 1977
A = burning behavior	0 - 4	4
B = contact heat	0 - 4	3
C = convective heat	0 - 4	4
D = Radiant heat	0 - 4	3
E = Small splashes of molten metal	0 - 4	2
F = Large quantities of molten metal	0 - 4	X

The letter 'X' in place of a number indicates that the glove is not intended for the purpose covered by this test.

Test	Test result according to EN407	1	2	3	4
Burning behaviour:	Burn time (s)	≤20	≤10	≤3	≤2
	Glow time (s)	-	≤120	≤25	≤5
Contact heat:	Contact temperature °C	100	250	350	500
	Threshold time (s)	≥15	≥15	≥15	≥15
Convective heat:	Heat transfer index HTI (s)	≥4	≥7	≥10	≥18
Radiant heat:	Heat transfer t24 (s)	≥7	≥20	≥50	≥95
Small splashes of molten metal:	Number of splashes	≥10	≥15	≥25	≥35
Large splashes of molten metal:	Molten iron (g)	30	60	120	200

#### WARNING:

**Gloves with Level 1 or Level 2 rating for burning behaviour must not come into contact with a naked flame. The levels only apply to the entire glove and all of its layers for gloves comprising several separable layers.**

**The gloves must always be checked for imperfections before use.**

#### C. Purpose, applications and risk assessment:

Applicable for general assembly work with medium risks and high requirements on cutting protection as well as when handling hot workpieces (contact heat up to max. 350°/15 secs.), e.g. in the craft trade, construction sector, trade fair construction, automotive industry, mechanical engineering industry, steel industry, glass industry, food industry, agriculture sector

These gloves satisfy the requirements of the quoted standards. Please note that the actual conditions of use cannot be simulated and that the decision on the glove's suitability for its intended purpose therefore lies exclusively with the user. The manufacturer is not responsible for improper use. Hence, an assessment of the residual risk should be performed before use in order to determine whether this glove is suitable for its intended purpose.

**Kindly note the printed pictograms and performance levels.**

#### Precautionary measures during use:

- Only use gloves with a printed chemical pictogram when handling chemicals.
- Make certain that the selected glove is resistant to the chemicals being used.
- Do not use these gloves to protect against serrated edges or blades, etc.
- If gloves for heat application are requested, make certain that they satisfy the requirements of EN 407 and that they were tested as specified therein.
- Do not use the gloves close to moving machine parts.
- Check the gloves carefully before use to make certain there are no defects or imperfections.
- Gloves meeting the requirement for resistance to puncture in accordance with EN388:2016 may not be suitable for protection against sharply pointed objects such as hypodermic needles.
- Discard damaged, worn, dirty or soiled gloves, irrespective of the substance (including on the inside), as they may lead to skin irritation and rashes. Consult a doctor or dermatologist should such cases arise.
- For further information regarding the permissible user exposure, e.g. temperature, duration please contact the manufacturer.

#### D. Cleaning, care and disinfecting:

##### Care instructions:



Do not wash and bleach the gloves. Drying in tumbler is not possible. Do not iron. Professional dry and wet cleaning is not allowed.

Both new and used gloves must be checked carefully for any damage before they are worn. Never store dirty gloves if they are intended for reuse. Users are advised to carefully remove the gloves on the right and then the left if it is not possible to remove the soiling or if doing so would present a danger. Here, use the hand wearing the glove in such a way that the other glove can be removed without coming into contact with the soiling.

#### E. Storage and ageing:

Keep in a cool, dry place; do not expose to direct sunlight; keep away from any ignition sources; store in the original packaging if possible. The mechanical properties of the gloves will not change for a period of up to 5 years from the manufacturing date, provided they are stored as recommended. A precise service life cannot be stated, as it depends on the type of use and on whether the user ensures that the gloves are used exclusively for their intended purpose. The manufacturing date (month/year) is stated on the gloves.

#### F. Disposal:

Used gloves may be contaminated with environmentally harmful or hazardous substances. Dispose of the gloves in accordance with applicable local laws.

#### G. Material composition:

**Outer layer: aramid fibre**

**Lining: cotton**

#### H. Packaging:

This item will be delivered in a uniform cardboard box with a content of: 60 pair

The smallest sales unit is: 6 pair

#### I. Health risks:

There have been no reported incidents of allergies provoked by use of the gloves for their intended purpose. You should nonetheless consult a doctor or dermatologist if you experience an allergic reaction.

#### Notified body responsible for the EU Type Examination:

SATRA Technology Europe Ltd,  
Bracetown Business Park  
Clonee, Dublin D15 YN2P  
Ireland  
(Notified Body No.: 2777)

in accordance with EU Regulation 2016/425.

#### Notified body that monitors the manufacturer's quality assurance based on the production process (module D, in accordance with Annex VIII of PPE regulation (EU) 2016/425):

SGS United Kingdom Limited  
Unit 202B Worle Parkway  
Weston-super-Mare, BS22 6WA  
United Kingdom  
(NB# 0120)

#### Manufacturer's name and address:

BIG Arbeitsschutz GmbH, Königsberger Str. 6, 21244 Buchholz/Nordheide, Germany

**For the full Declaration of Conformity and additional technical information, please visit:**  
[www.big-arbeitsschutz.de](http://www.big-arbeitsschutz.de)

