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|---|------------------------------|--|------------------------------|--|
|  sprl BINAME bvba Robert. Dansaertlaan 250 1702 Groot-Bijgaarden Belgium info@biname.be | | TECHNICAL DATA SHEET | | |
| | | INSULATING GLOVES EN 60903:2003 + AC2:2005 EN 420:2003 + A1:2009 | | |
| Certificate: UE/428/2020/1437 | Data of issue: 14.07.2020 | Catalogue no: S59... | Data Sheet number: KK-001 | |

APPLICATION

Insulating gloves are applicable for electrical purposes exclusively as the basic personal protective tool for live working at voltages up to 1 kV or as additional protective measure for live working at voltages exceeding 1 kV.

CHARACTERISTIC

Our gloves of insulating material have ergonomic shape and are made from high quality natural latex using fully automated production line. Each glove is individually numbered and electrically tested using computer controlled testing arrangement. Report of this test is attached to each individual glove package. The ergonomic shape and elasticity of glove makes comfortable and easy manual work even when anti perspiration inner cotton glove and/or protector leather gloves are worn over. Five classes of glove are produced fulfilling different voltage test requirements.



There are:

- 00 (2,5 kV),
- 0 (5 kV),
- 1 (10 kV),
- 2 (20 kV)
- 3 (30 kV)

ELS. gloves are category RC gloves according to EN 60903:2003 + AC2:2005 standard and have special properties increasing their resistance to:

1. R – acid, oil and ozone.
 Category R combines the characteristics of categories:
 - A – resistant to acid;
 - H – resistant to oil;
 - Z – resistant to ozone;
2. C – resistant to extremely low temperature.

Five sizes of ELS. gloves are produced: 8, 9, 10, 11, 12.

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| | | INSULATING GLOVES EN 60903:2003 + AC2:2005 EN 420:2003 + A1:2009 | | |
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Technical characteristic of gloves according to EN 60903:2003 + AC2:2005

| Type | | ELS. 2,5 | ELS. 5 | ELS. 10 | ELS. 20 | ELS. 30 |
|---|--|--------------------|--------------------|--------------------|--------------------|-------------|
| Catalogue number | | S5941B | S5942B | S5943B | S5944B | S5945B |
| Class/Category, acc. to EN 60903:2003 + AC2:2005 | | 00/RC | 0/RC | 1/RC | 2/RC | 3/RC |
| Designation of maximum use voltage | AC, V rms | 500 | 1 000 | 7 500 | 17 000 | 26 500 |
| | DC, V | 750 | 1 500 | 11 250 | 25 500 | 39 750 |
| AC tests | Proof voltage kV, rms | 2,5 | 5 | 10 | 20 | 30 |
| | Maximum proof test current, mA, rms, (routine test) | 12 | 12 | 14 | 16 | 18 |
| | Withstand test voltage kV, rms | 5 | 10 | 20 | 30 | 40 |
| Type | | ELS. 2,5 | ELS. 5 | ELS.10 | ELS. 20 | ELS. 30 |
| Catalogue number | | S5941B | S5942B | S5943B | S5944B | S5945B |
| DC tests | Proof test voltage Avg kV | 4 | 10 | 20 | 30 | 40 |
| | Withstand test voltage Avg kV, | 8 | 20 | 40 | 60 | 70 |
| Length, mm | | 360 | 360 | 360 | 360 | 360 |
| Size | | 8, 9, 10, 11,12 | 8, 9, 10, 11,12 | 8, 9, 10, 11,12 | 8, 9, 10, 11,12 | 9,10, 11,12 |
| Cuff | | Straigth | Straigth | Straigth | Straigth | Straigth |

COMPOSITION

Our insulating gloves are made in whole from natural latex.

REQUIREMENTS

1. Our gloves have been positively certified in accordance to type test procedure of EN 60903:2003 + AC2:2005, these gloves meets the applicable essential health and safety requirements included in Regulation (EU) 2016/425 of the European Parliament and of council of 9 march 2016. This has been confirmed by certificate UE/428/2020/1437 edition 1
2. The manufacturer declares that each individual glove introduced into the market has been positively electrically tested according to EN 60903:2003 + AC2:2005 standard.
3. Our gloves meets the requirements of harmonized standard EN 420:2003 + A1:2009 „Protective gloves. General requirements and test methods.”