ELECTRICAL INSULATING BLANKET

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Electrical insulating blanket in general
Electrical insulating blanket are made of rubber compounds by rotocure technology. Rubber, due to its properties of resistivity, is used in many applications through industry to insulate and protect. Rubber is a natural dielectric material and will therefore inhibit the flow of electric current.

Key features
Can withstand 10kV
Suitable for both AC, DC installation
Durable and easy to clean with a mild detergent
Easy to handle and use
Packed in 10m rolls as well as custom cuts
Conformity with IEC 61112:2009
Durable marking each approx. 300mm

Applications
Prevent the risk of electric shock around electrical conductors and high voltage equipment such as fuse boxes, control panels, switchboards and distribution poles.

AVAILABLE COLORS



AVAILABLE PROFILES

EIP - smooth profile

AVAILABLE CLASS AND CATEGORIES

CLASS 0

Working voltage: 1 000 V
Proof voltage: 5 000 V
Withstand voltage: 10 000 V

ACID RESISTANT

The material retains its electrical strength and electrical insulating properties even when directly exposed to aggressive acids.

OZONE RESISTANT

The material retains its electrical strength and electrical insulating properties even when exposed to an aggressive gas - ozone, which is used for cleaning, and is also formed during electric discharges.

BOGUMA, Ltd., Továrenská 314, 956 18 Bošany, Slovak Republic
Business Register Record, Trenčín, Section Ltd., Record No. 19109/R
IČO: 35 922 087, IČ DPH: SK2021963625
Billing Information: SK52 0900 0000 0052 4549 4451, SWIFT: GIBASKBX
Tel.: +421 38 5426 307, +421 38 5426 308, sales@boguma.sk, www.boguma.sk

EIP0-1,0x0 4
EIP0-1,5x0 5

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EIPO-1,0X0

ELECTRICAL INSULATING BLANKET CLASS 0 (A,Z) EIPO-1,0X0

EXTERIOR	60 +/- 5 Sh A	16 MPa	1 mm	1.4 kg/m²
ENVIRONMENT	HARDNESS	TENSILE STRENGTH	THICKNESS	BASIS WEIGHT

Top side - smooth surface

Bottom side - smooth surface





ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1,2 m wide and 10 m long. However, we can also provide custom custs: 0,6x0,6 m; 0,6x1 m; 1x1 m; 1,2x1 m or others.

RESISTANCE ACCORDING TO IEC 61112:2009

Mechanical puncture resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Ozone resistance	YES
Acid resistance	YES

Electrical insulation blanket EIPO-1,0X0 is a flexible covering material made of high-quality EPDM elastomer used to cover wires that are powered under voltage or grounded, suitable for interior and exterior environments. It is made in a thickness of 1.0 mm (+0.4; -0.0) and widths of 1000 - 1200 mm. We deliver it in rolls of 10 m length. It has a smooth surface on both sides. It is marked along the entire length of the board with a marking tape according to the corresponding electrical class (class 0 - red tape).
The electrical insulation blanket EIPO-1,0X0 is certified according to the IEC 61112:2009 standard in class 0, with a specified working voltage 1000 V. Also certified according to category A and Z, i.e. resistant to acids and ozone.
Tensile strength reaches at least 16 MPa and tear resistance is at least 500%.

CONFIGURATION OPTIONS

THICKNESS	
1 mm	(+0,4 mm/- 0,0 mm)

WIDTH	
1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH	
10 m	(+/- 200 mm)

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EIPO-1,5XO

ELECTRICAL INSULATING BLANKET CLASS 0 (A,Z) EIPO-1,5X0

EXTERIOR	60 +/- 5 Sh A	12 MPa	1.5 mm	1.6 kg/m²
ENVIRONMENT	HARDNESS	TENSILE STRENGTH	THICKNESS	BASIS WEIGHT

Top side - cloth impression

Bottom side - cloth impression



ADDITIONAL INFORMATION

As standard, we supply rolls 1 or 1.2 m wide and 10 m long. However, we can also provide custom custs: 0.6x0.6 m; 0.6x1 m; 1x1 m; 1.2x1 m or others.

RESISTANCE ACCORDING TO IEC 61112:2009

Mechanical puncture resistance	YES
Dielectric tests according given class	YES
Ageing tests	YES
Low temperature folding test	YES
Flame retardance test	YES
Ozone resistance	YES
Acid resistance	YES

Electrical insulating blanket certified according to the IEC 61112:2009 standard in class 0, with a specified operating voltage of 1,000 V DC and 1,500 V AC. Also certified according to categories A and Z, resistant to acids and ozone. Vulcanized elastomer with top and bottom cloth imprint in orange with thickness 1.5 mm (+0.4/-0.2) and a basic weight 1,6 kg/m2. Marking is done by precuring a lengthwise marking tape covering the entire roll length. This way of marking is durable and unerasable.
Blanket achieve minimum tensile strength 12 MPa and elongation at break minimum 300%.
We supply it in rolls 1 m or 1.2m which allows you to cut parts of different shapes and sizes according to the needs of end users. It has many uses. On request we can provide custom cuts.

CONFIGURATION OPTIONS

THICKNESS

1.5 mm	(+0,4 mm/- 0,2 mm)

WIDTH

1000 mm	(+/- 10 mm)
1200 mm	(+/- 10 mm)

LENGTH

10 m	(+/- 200 mm)
20 m	(+/- 200 mm)

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