



Electrical Insulating Blanket EIPO 1.5x0, EIPO 1.0x0

Certified according to IEC 61112:2009, class 0, category A,Z

Product description

Electrical insulating blanket made on the basis of synthetic, or a combination of synthetic and natural rubbers is a flexible covering material used to cover live conductors.

The working voltage is up to 1,000 V and it is tested at voltages up to 10,000 V.

Use

It is intended for supplementary protection of workers against accidental contact with live electrical conductors, devices or circuits, or grounded electrical conductors, devices or circuits and to prevent short circuits in electrical installations, or also during repair of electric vehicles for covering (insulating) power sources (batteries).

The electrical insulating blanket must be equipped during use with a securing means that serves to attach the blanket to the protected device and prevents its unintentional removal. The securing means must be made of non-conductive material meeting the requirements of the relevant standards and must not significantly reduce the mechanical strength of the blanket.

For stitched or perforated blankets, the effective insulating area is considered to be the area at least 10 mm from the stitch or cutout towards the center of the blanket.

Electrical insulating blankets should be used in areas with an ambient temperature from -25 °C to +55 °C.

Inspection

Before each use, the blanket must be checked for cracks, mechanical punctures, cuts and other damage to the homogeneity of the surface. If damage is found, the blanket must be withdrawn from use.

The functionality of the securing means must also be checked. If deficiencies are found, the relevant securing means must be put into functional condition.

When using blankets, attention must be paid to the degree of their wear. It must be considered whether the device on which they will be used will not cause increased wear.

The electrical insulating blanket should not be used if it has not been verified and/or electrically tested within the last 12 months.

Cleaning

Electrical insulating blankets must be cleaned and dried every 6 months.

Cleaning is carried out with soap or a low-concentration detergent without bleaching effects.

After cleaning, they must be thoroughly rinsed with water.

The blankets should be thoroughly dried with warm air at a temperature not exceeding 65 °C.

Storage

Electrical insulating blankets are stored in a spread or rolled state, in a chemically non-aggressive environment, away from direct sunlight and out of reach of objects that could cause mechanical damage.

Failure to comply with these measures releases the manufacturer from responsibility for the functionality of the electrical insulating sheet.



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