

Radiofrequency Electromagnetic Field Protection

RadioFrequency Personal Protection Equipment RF PPE



EGIS® RF PPE Ref. 503246

Characteristics

- ◆ Frequency band: 80 – 1000 MHz.
- ◆ Electric field attenuation coefficient: > 10.
- ◆ Regulatory operating limits: 600 V/m.

The limits for the exposure of workers to electromagnetic fields are defined in European Directive 2013/35/EU. EGIS® 503246 RF PPE provides sufficient attenuation for users to be within the limits defined in Directive 2013/35/EU when exposed to an electric field up to 600 V/m.

(For example: at a frequency of 100 MHz, the exposure limit for a worker not wearing RF PPE is 61 V/m compared with 600 V/m for a worker wearing the EGIS® 503246 RF PPE).

- ◆ Flame retardant materials.

The fabrics used to make the various parts of the RF PPE are intrinsically flame retardant:

- Kermel®/ViscoseFR® for the double fastening overalls CO339.
- Conex®/Technora®/Stainless steel for the CO503, CH503, SC403 and the GD4031 glove lining .

Performance according to EN533: 3.

The construction of the CO339 and CO503 meets XP ENV 50354 method 1: 7kA (electric arc test method for fabrics).

- ◆ EC type examination certificate N° 0072/366/162/05/06/0039.

Use

- ◆ Application:

Radio transmitters, radio communications and other electromagnetic technology.

- ◆ Class 2 RF PPE comprising:

- 1 double fastening overalls, CO339,
- 1 under combination with hood, CO503,
- 1 balaclava with visor, CH503,
- 1 pair of lined leather gloves, GD4031,
- 1 pair of oversocks, SC403.

- ◆ Overall weight of RF PPE (Size 4): 2358g.

- ◆ Size: 1 to 6 (S to XXL).

- ◆ Machine wash.

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