

# Radiofrequency Electromagnetic Field Protection

## RadioFrequency Personal Protection Equipment RF PPE



### EGIS® RF PPE Ref. 403246

#### Characteristics

- ◆ Frequency band: 80 – 1000 MHz.
- ◆ Electric field attenuation coefficient: > 5.
- ◆ Regulatory operating limits: 300 V/m.

The limits for the exposure of workers to electromagnetic fields are defined in European Directive 2004/40/EC. EGIS® 403246 RF PPE provides sufficient attenuation for users to be within the limits defined in Directive 2004/40/EC when exposed to an electric field up to 300 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 300 V/m for a worker wearing the EGIS® 403246 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 CO403, CH403, SC403 and the GD4031 glove lining .

Performance according to EN533: 3.

The construction of the CO339 and CO403 meets XP ENV 50354 method 1: 7kA (electric arc test method for fabrics).

- ◆ EC type examination certificate N° 0072/366/162/05/06/0038.

#### 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, CO403,
- 1 balaclava with visor, CH403,
- 1 pair of lined leather gloves, GD4031,
- 1 pair of oversocks, SC403.

- ◆ Overall weight of RF PPE (Size 4): 1890g.

- ◆ Size: 1 to 6 (S to XXL).

- ◆ Machine wash.

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