

## Guidelines for the use and care of X-ray protective clothing



## **Guidelines: X-Ray Protective Clothing**

X-sanatec guarantees careful workmanship and the use of first class materials. In order to preserve this X-ray protective clothing, we would ask you to take note of the following points:

### **Storage:**

Please use specific clothes hangers or suitable hanging systems. Under no circumstances should the X-ray protective clothing be folded, hung over edges or in the direct vicinity of heat sources. We would recommend that the clothing is stored at room temperature and within the same humidity as usual working and living conditions.

### **Use:**

Before the products are used, they must be checked for visible damage. Please refer to the relevant instructions under "Examination". It is extremely important that you put the X-ray protective clothing on correctly. Only when these conditions are adhered to can we guarantee optimum protection against radiation in accordance with legal requirements.

### **Cleaning and disinfecting X-ray protective aprons and gonad protection:**

In order to avoid damaging the dirt resistant and breathable coating of the material, no aggressive cleaning products must be used (e.g. products containing alcohol, thinning agents, cleaners' naphtha and scouring agents). Fresh marks can usually be removed with lukewarm water, washing up liquid and a soft cloth. If the marks have been present for a longer period of time and have dried, combine lukewarm water and washing up liquid and apply over an area larger than the mark itself. Allow at least an hour for this to penetrate the fibres and then wipe off with a soft cloth.

If this doesn't remove the stain or there are more stubborn marks present, we would recommend the use of specifically designed stain remover.

For disinfecting X-ray protective clothing we recommend the use of a specifically designed disinfectant, which cleans and disinfects surfaces in a fast and efficient way.

### **Cleaning and disinfecting X-ray protection gloves:**

Please apply the same process as outlined under "Cleaning and disinfecting X-ray protective aprons and gonad protection".

### **Examination:**

Garments designed for protection against X-rays should be examined at least every 3 months to ensure they provide full protection. Indications of faults include tears, obvious visible folds and places of unevenness.

### **Service life and guarantee:**

Depending on use and care, the service life of X-ray protection garments can vary enormously. Therefore it is necessary to check the protective function in the manner outlined above. The manufacturer offers a 12 month guarantee on workmanship and materials.

### **Transportation:**

Under no circumstances should X-ray protection clothing be folded (with the exception of gloves and gonad protection). We recommend that the articles are supported in a stable cardboard box of the appropriate size.

**Labelling:**

The manufacturer's label shows the PB value, model number and size. It also has the CE mark printed on it.

**CE as defined by PPE:**

X-ray protection clothing for the individual using radiation is governed by the EU directive regarding personal protective equipment (PPE) 89/686/EWG. In order to comply with PPE, the article must be marked with a CE logo and a four digit number, which correlates to the notified certification office. MAVIG X-ray protection clothing shows this using the following label:

**CE as defined by MPG:**

X-ray protection clothing for patients is governed by the EU directive for medical products (MPG) 93/42/EWG. In this case the correct certification is shown by the application of the following label:

**EC Type-Examination for Directive 89/686/EEC by:**

Notified Body No. 0120  
SGS United Kingdom Ltd,  
Weston-Super-Mare,  
BS22 6WA,  
United Kingdom.

DIN EN 61331-3 (IEC), RöV, PPE and MPG:

MAVIG guarantees that the articles are manufactured in accordance with DIN EN 61331-3 (IEC), RöV, the EU directive 89/686/EWG for personal protection equipment (PPE) and the EU guideline for medical products (MPG) 93/42/EWG, DIN 6857-1, DIN EN 61331-1:2002.



Lite Tech XENOLITE B, NL, TB, S-Strata and Eval garments are CE brands by PPE 89/686 EEC.

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