

## **Data Sheet Activated Carbon Cloth FM10 S100**

### **1. Product Description:**

Woven Activated Carbon Cloth laminated on one side to a white nonwoven material

### **2. QA Release Specification:**

#### **Composition of product**

Activated carbon cloth (FM10), black to grey in colour, consisting wholly of activated carbon fibres. Variation in colour is possible; however this does not affect the performance. Laminated on one side to a white viscose non-woven material, using a PE thermally fusible dot coating.

#### **Surface Density (CCCD Internal Test method based on BS EN 12127)**

The typical dry weight of the product shall be not less than 125 grams per square meter (gsm).

#### **Activity, Static (CCCD Internal Test method)**

The uptake of Ethyl Acetate vapour in dry air shall not be less than 33% w/w on the ACC material.

### **3. Other Typical Properties (not a specification requirement unless requested):**

#### **Thickness (CCCD Internal Test method based on BS EN ISO 5084)**

The thickness shall be in the range 0.4 to 0.8mm.

#### **Tensile breaking strength (CCCD Internal Test method based on BS EN ISO 13934-1)**

The tensile breaking strength, in either warp or weft direction, shall not be less than 9 Newton per centimetre (N/cm).

### **4. Inspection and make-up requirements:**

#### **Standard roll size**

Length 100 metres

Width 100 centimetres

Other roll lengths and widths are available on request

#### **Core Size**

32mm internal diameter cardboard cores (if slit 76mm diameter cores)

#### **Joins**

Individual pieces are end-to-end laminated using thermally fusible tape, to form continuous rolls, unless otherwise specified (A maximum of 6 joins per 100 metres).

### **Faults**

Small faults are repaired with a 2cm disc of the appropriate grade of carbon cloth bonded over the fault with thermally fusible web. (Maximum 3 faults per metre permitted unless otherwise specified).

### **Packaging**

Rolls are first wrapped in polythene sheet, then 'large bubble-wrap', and are finally wrapped in an outer wrapping of polythene tubing.

### **Labeling**

A label shall be attached to each roll stating, where applicable:

A Customer

B CCCD Internal Reference Number

C Quantity

D Weight

### **Shelf Life**

In optimum storage conditions\* the adsorption capacity of the ACC will remain unaffected up to a period of five years from the date of despatch.

\*Inert atmosphere free from odour/vapour at standard temperature and pressure, free from moisture and kept in original packaging.

### **5. Documentation:**

The manufacturer Chemviron Carbon Cloth Division provides a Certificate of Conformance with all products. A Certificate of Analysis maybe supplied upon consideration, please contact sales for this information.

### **6. Quality Assurance:**

The manufacturer Chemviron Carbon Cloth Division is registered as meeting the requirements of ISO9001 and ISO13485

### **7. Other:**

The manufacturer Chemviron Carbon Cloth Division is also registered as meeting the requirements of ISO14001