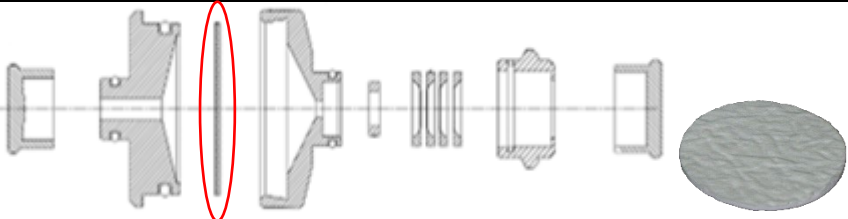


Technical Data Sheet

Smoking Vaping Machine Cambridge Filter Holder

Cambridge Filter Pads

<p>Product Image</p>	
<p>Product Description</p>	<p>Cerulean Cambridge Filter Pads are flat discs made from glass fibre with diameters ranging from 44 mm to 92 mm. These are consumables that are used as part of analytical methods and require replacement after every experiment. The pads are characterised by their material and by their diameter that matches the CFH holder.</p>
<p>Product Use</p>	<p>Cambridge filter pads are used to collect particulate samples from smoke or aerosol which passes through the Cambridge filter holder en-route to the puff engine and collection bag.</p> <p>The filter pads conform with the requirements of ISO3308 and CORESTA recommended method 81 (CRM81) and ASTM E 2187 for self-extinguishing cigarettes. Application is pad-dependant.</p> <p>There are 4 types of pads depending on their diameters and application:</p> <ul style="list-style-type: none"> ➤ 33569, 41330 (44 mm) ISO3308 compliant ➤ 66301, 44180 (55 mm) ISO3308 compliant ➤ LA0146, 41513 (92 mm) ISO3308 compliant ➤ 41516 (150 mm) ASTM E 2187 compliant
<p>Material and Construction</p>	<p>The filter pads are made from glass fibre with binder representing less than 5% as a mass fraction. The binders' purpose is to increase strength and dirt-loading capacity while decreasing fibre slough. Binders are acrylic materials added to the borosilicate glass fibres.</p>
<p>Storage Conditions</p>	<p>-20°C to 70 °C Store is a sealed bag</p>

Precautions	<p>For maximum operating life and to minimise deterioration with age, the following conditions should be adhered to:</p> <ol style="list-style-type: none"> 1. Avoid sources of contamination 2. Do not use sharp objects to fit or remove from CFH
Checks and Inspections	<p>Cambridge Filter pads are rigorously inspected, and Cerulean recommends that you should check the pad for any of the following:</p> <ul style="list-style-type: none"> ➤ Rips ➤ Mechanical damage ➤ Discolouration <p>If any of the above defects are detected these should not be used.</p>
Recommended Shelf-life	<p>The recommended shelf life of Cambridge filter pads is 12 months.</p> <p>Replace after each experiment</p>
Chemical Compatibility	<p>Fiberglass has excellent compatibility with organic solvents and excellent resistance to most acids but is attacked by hydrofluoric acid. Not recommended where bases and salts such as chlorides, bromides, and cyanides are present.</p> <p>If in doubt, please refer to online compatibility charts.</p>
Safety	<p>Allergic reactions are extremely rare</p> <p>Direct contact with fiberglass or breathing airborne dust containing fiberglass may irritate the skin, eyes, nose, and throat. The symptoms of irritation are often nonspecific, temporary, and may include itching, coughing, or wheezing.</p>
Disposal	<p>Please dispose according to local environmental regulations</p>

Product Stock Codes and Dimensions

Stock code	Diameter (mm)	Instruments	Min Qty
41330	44	SM4xx range, CETI range, Orbit20	Box 960
41480	55	SM4xx range, Orbit20	Box 100
41513	92	Orbit20, Shisha	Box 100
41516	150	SALT10	Box 100

Cambridge Filter Holder Stock Code and Dimensions

Stock code	Dimensions (mm)	Instruments
33569	44	SM4xx range, CETI range, Orbit20
66301	55	SM4xx range, Orbit20
LA0146	92	Orbit20
MQ0562	92	Shisha