


Technical Fact Sheet

SWISSPRO® *CarboSwiss*

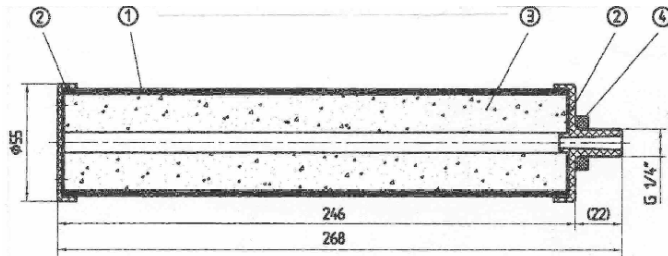
Description	<p>The SWISSPRO® <i>CarboSwiss</i> element is a high performance activated carbon filter that adsorbes free chlorine and other organic contaminants, which contribute to bad taste and odour or might be unhealthy for the human body. An efficient 10 micron sediment filter holds back dirt. In addition lead and other heavy metals are reduced through zeolite.</p>
Safety	<p>To avoid any bacteriological contamination after the removal of chlorine and lead, the <i>CarboSwiss</i> should be used in combination with a SWISSPRO® Ceratech or CeraSwiss filter element.</p>
Application	<p><i>CarboSwiss</i> is used in domestic filters for point of use applications in combination with a SWISSPRO ceramic element.</p>
Function	<p>High performance activated carbon block :</p> 
Flowrate	<p>Depending on the filter system in which the cartridge is installed, the capacity is min. 7 l/min. (1.85 gpm) at 3 bar (43.5 psi) and and 20°C (68°F)</p>
Chlorine reduction	<p>more than 90% chlorine reduction for at least 10'000 liters (2600 US gallons) This number is based on a test with a flow rate of 3 l/min. (0.75 gpm) and 20°C (68°F), containing 2 ppm of free chlorine.</p>
Lead reduction	<p>More than 90% lead reduction for at least 10'000 liters (2600 US gallons). This number is based on a test with a flow rate of 3 l/min (0.75 gpm) and 20°C (68°F), containing 150 ppb of soluble lead.</p>

Materials

1. 10 micron prefilter wrap	PP, three layers
2. endcaps	ABS
3. AC block	activated carbon
4. outlet seal	EPDM

All materials are approved for use in drinking water applications.

Dimensions



Thread G ¼ " male thread

Service Life The overall capacity of the CarboSwiss is defined by the capacity of chlorine adsorption and lead reduction. The service life depends on the quality of the water. Turbid water may clog the CarboSwiss filter before the chemical capacity is reached. Due to huge internal surface of the carbon block, a service life of up to 12 months is achieved in normal conditions.

Safety It is recommended to change the CarboSwiss filter at least every 12 months. For additional safety the filter should be air-dried every second week during lifetime. Therefore we recommend to have two candles in opposite cycles in use.

Operation pressure Max. 7 bar / 100 psi, Temperature < 35° C / 95° F

Weight Dry: approx. 275g (9.3 oz)
 Wet: approx. 540g (19.1 oz)

Operation temperature 0° C (32° F) ← Temperature for use → 80° C (176° F)

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