

Technical Fact Sheet

SWISSPRO®

CarboSwiss

Description The SWISSPRO® *CarboSwiss* 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 1 micron sediment filter holds back dirt. In addition lead and other heavy metals are reduced through zeolite.

Safety To avoid any bacteriological contamination after the removal of chlorine and lead, the *CarboSwiss* should be used in combination with a SWISSPRO® Ceratech or CeraSwiss filter element.

Application *CarboSwiss* is used in domestic filters for point of use applications in combination with a SWISSPRO ceramic element.

Function



High performance activated carbon block :

Flowrate 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)

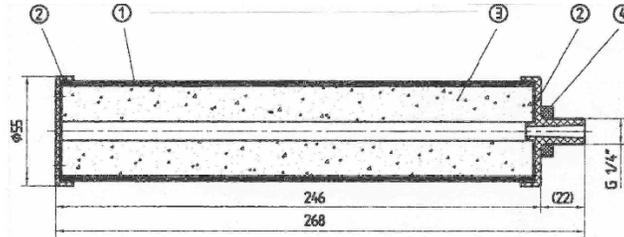
Chlorine reduction more than 90% chlorine reduction for at least 10'000 liters (2600 US gallons) This number is based on a test with a flow rate of 3 l/min. (0.75 gpm) and 20°C (68°F), containing 2 ppm of free chlorine.

Lead reduction 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.

Materials	1. 1 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 <i>CarboSwiss</i> 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 <i>CarboSwiss</i> filter at least every 12 months. (A) In case of using CarboSwiss filter only, the filter should be air-dried every second week during lifetime for additional safety. Therefore we recommend to have two candles in opposite cycles in use. (B) In case of using CarboSwiss with Swisspro 3-step filtration, there is no need to air-dry the CarboSwiss.
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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