

## Technical Fact Sheet

### SWISSPRO®

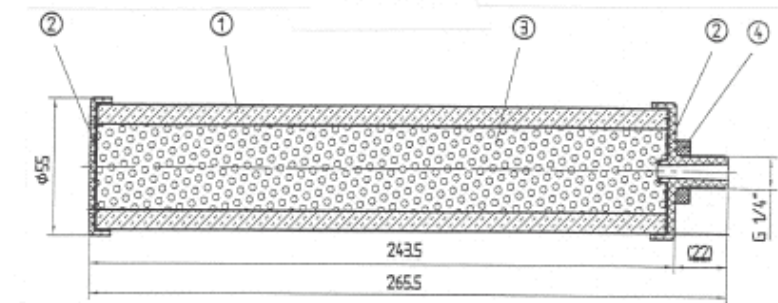
### *SuperSwiss*

Description	<p><i>SuperSwiss</i> is a combined, two-in-one filter element consisting of microporous ceramic (outer layer) and a high performance activated carbon block (inner core). Suspended matter and bacteria are retained on the ceramic surface without using chemicals. The inner activated carbon block adsorbs free chlorine and other organic contaminants that contribute to bad taste and odour and reduces lead and other heavy metals. Due to the internal surface of the activated carbon block, the filter can be used for up to 8 months.</p>
Safety	<p>In the ceramic permanently incorporated silver is working against bacteria growth in the filter.</p>
Application	<p>Combined ceramic / activated carbon cartridge for use in domestic filters.</p>
Function	<p>Bacteriological depth filtration combined with highest chemical adsorption capacity</p>



Performance	<p>Meets EPA specifications for :</p> <ul style="list-style-type: none"><li>• 99.9999 % removal of pathogenic bacteria (i.e. Klebsiella and vibrio cholera)</li><li>• 99.99 % removal of protozoa (i.e. Cryptosporidium and Giardia L.)</li><li>• &gt; 90% lead reduction after 4000 liters (1050 US gallons), based on a test with 2.6 L/Min, 20°C and an initial concentration 150 ppb</li><li>• &gt; 90% chlorine reduction after 4000 liters (1050 US gallons), based on a test with 3 L/Min. 20°C and an initial concentration 2 ppm free chlorine</li></ul>
Flowrate	<ul style="list-style-type: none"><li>• 2 L/Min. at a pressure of 1 bar</li></ul>

Dimensions



Materials	1 ceramic body	diatomaceous earth (main component)
	2 end caps	ABS
	3 AC Block	high performance activated carbon
	4 outlet seal	EPDM

Thread G ¼ " male thread

Service Life The overall capacity of the *SuperSwiss* is defined by the capacity of chlorine reduction. The service life depends on the quality of water – it is recommended to change the element after 8 months of use or 4000 liters, whichever occurs first.

Safety At least after every month of continuous use the element should be taken out of the system, washed and completely air-dried before it is used again. Therefore we recommend to have two candles in opposite cycles use.

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

Weight Dry: approx. 290 g (10.2 oz)  
Wet: approx. 600 g (21.2 oz)

Operation temperature 0° C (32° F) ← Temperature for use → 52° C (125° F)

Filter rating Ceramic micro filter 0.2 micron (0.0002 mm)  
Carbon : 1 micron (0.001 mm)

Article Number **SR8014874**