CARBON BLOCK - SCB



THE GO-TO FOR CHLORINE AND ORGANICS

Widely used and favoured for drinking water treatment and beverage production where chloramines are not present; the SPECTRUM SCB is formulated from low ash content, microporous coconut carbon that targets VOCs and THMs. Acid washed during the production process and low fine content give excellent rinse-up times as well as regulating pH and taste. The SCB also gives improved flow rate and lower pressure drop than the SPECTRUM PCB, reducing the size of the housing required, making it a firm favourite for drinking water, pre-RO and applications where end product consumption is a consideration.

Typical applications include drinking water, VOC and THM reduction and RO protection.

FEATURES & BENEFITS

- Extruded under high pressure, eliminating the need for overuse of binders, increasing flow and dirt holding capabilities
- Highly porous, lightweight, clean and tight microporous structure effective at reducing chlorine, taste and odour contaminants
- Pre-washed, reducing carbon fines
- 75% minimum free chlorine reduction ensures the SCB's superiority over the ECB

MATERIALS OF CONSTRUCTION

Media:Acid Washed Coconut CarbonWrap:PolypropyleneCore:PolypropyleneGasket:EPDMEnd-cap:PolypropyleneNetting:Polypropylene



TECHNICAL DATA

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Micron Rating (µm)	5
Chlorine Removal Efficiency (%) (Initial to End of Test)	95 - 75
Maximum Operating Pressure Differential (psi)	2.5 bar @ 20°C
Maximum Operating Temperature (°C)	52

DIMENSIONS

Dimensions (mm)					
Length (")	Α	В	С		
41/8	28	124	71		
9 ³ ⁄ ₄	28	248	71		
20	28	508	71		
30	28	762	71		
40	28	1016	71		
9 ¾LD	28	248	115		
20LD	28	508	115		

PRODUCT SPECIFICATION

CARBON BLOCK - SCB

SPECTRUM

PERFORMANCE



SCB Properties						
Length (")	Chlorine Reduction (L) @ 2mg/l *	Chlorine Reduction (L) @ 0.2mg/l **	Pressure Drop (Bar) @ Flow Rate (LPM)			
4 ½	6,500	56,875	0.3	1.9		
9 ¾	13,000	113,750	0.3	3.8		
20	26,000	227,500	0.3	7.6		
30	39,000	341,250	0.3	11.4		
40	52,000	455,000	0.3	15.2		
9¾LD	59,500	520,625	0.4	7.6		
20LD	119,000	1,041,250	0.4	15.1		

*Chlorine capacity using 2mg/l free available chlorine at 0.5mg/l breakthrough **Calculated chlorine capacity using 0.2mg/l free available chlorine at 0.05mg/l breakthrough

ORDERING GUIDE

Code	Micron (µm)	Length (")
SCB 5	41⁄8, 93⁄4, 20, 30, 40	
	9¾LD , 20LD	

e.g. SCB-5-20

PRODUCT RANGE

The below products have often been associated with this product.



Where price is the primary concern



For frequent process changes



SCB

The 'all rounder'



For multi-round housings



For chloramine removal