

Carbopor SC Series Activated Carbon Filter Cartridges

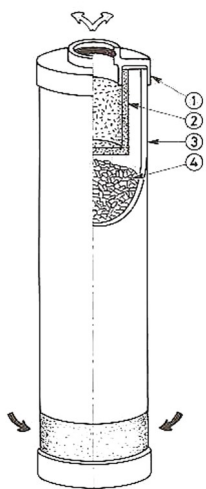
Filter Cartridges CARBOPOR Radial Flow Type

Carbopor granular activated carbon cartridges contain a broad band adsorbent (typically 250g/10" length). The major application for these elements is the removal of chlorine, taste and odour from process water and organic removal in process liquids. Elements are constructed to provide compatibility with a wide variety of liquids and gases. When required the carbon can be impregnated with silver to reduce bacterial build up. Radial flow elements consist of a bed of high grade activated carbon sandwiched between porous inner and outer sleeves which help prevent carbon migration.

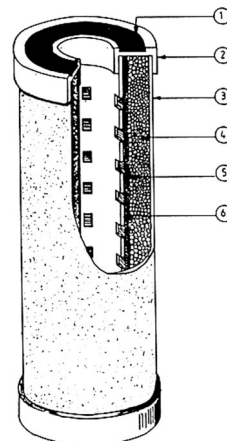


Carbopor Bottle-Type

On request we can supply filter cartridges in the end flow version, the outer sleeve is porous only at the bottom. This forces the liquid to flow through the entire carbon bed (typically 350g/10" length) to exit at the top. This results in the maximum contact time between liquid and carbon



1. End caps in polypropylene
2. Porous polyethylene inner sleeve
3. Outer sleeve
4. Granular activated carbon



1. Seal in Nitrile (standard)
2. End caps in polypropylene
3. Porous outer sleeve
4. Granular activated carbon
5. Porous inner sleeve
6. Polypropylene core

Makor Applications

- Removal of chlorine, taste and odour from drinking water
- Removal of oil mists from air
- Organics removal from plating solutions

Features

- All materials used in Carpor filter cartridges meet (FDA) requirements
- OD: 68 mm
- ID: 25 mm
- Length: from 4" to 40"
- We recommend a maximum flow rate of 10 litres / min / 10" length for the radial flow cartridges and 5 litres/min / 10" length for the bottle-type
- They can be supplied with end caps suitable to fit most competitive vessels
- When required the carbon can be impregnated with silver to reduce bacterial build up

Carpor Ordering Guide

SC	10	C	O	N																																																											
Flow Path	Length	Media	End Cap	Seals																																																											
Radial Bottle type	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Inch</th> <th>mm</th> <th>cod.</th> </tr> </thead> <tbody> <tr><td>4"</td><td>100</td><td>04</td></tr> <tr><td>9³/₄"</td><td>247</td><td>09</td></tr> <tr><td>9⁷/₈"</td><td>251</td><td>10</td></tr> <tr><td>10"</td><td>254</td><td>11</td></tr> <tr><td>19³/₄"</td><td>500</td><td>19</td></tr> <tr><td>20"</td><td>508</td><td>20</td></tr> <tr><td>29¹/₂"</td><td>750</td><td>29</td></tr> <tr><td>30"</td><td>762</td><td>30</td></tr> <tr><td>39¹/₂"</td><td>1000</td><td>39</td></tr> <tr><td>40"</td><td>1016</td><td>40</td></tr> </tbody> </table>	Inch	mm	cod.	4"	100	04	9 ³ / ₄ "	247	09	9 ⁷ / ₈ "	251	10	10"	254	11	19 ³ / ₄ "	500	19	20"	508	20	29 ¹ / ₂ "	750	29	30"	762	30	39 ¹ / ₂ "	1000	39	40"	1016	40	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>Natural Carbon</td> <td>C</td> </tr> <tr> <td>Silvered Carbon</td> <td>S</td> </tr> </tbody> </table>	Natural Carbon	C	Silvered Carbon	S	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>DOE</td><td>0</td></tr> <tr><td>Cod.2</td><td>2</td></tr> <tr><td>Cod.3</td><td>3</td></tr> <tr><td>Cod.7</td><td>7</td></tr> <tr><td>Cod.8</td><td>8</td></tr> <tr><td>Ametek</td><td>9</td></tr> <tr><td>SOE</td><td>S</td></tr> </tbody> </table>	DOE	0	Cod.2	2	Cod.3	3	Cod.7	7	Cod.8	8	Ametek	9	SOE	S	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>EPDM</td><td>E</td></tr> <tr><td>Nitrile</td><td>N</td></tr> <tr><td>Silicone</td><td>S</td></tr> <tr><td>Viton</td><td>V</td></tr> </tbody> </table>	EPDM	E	Nitrile	N	Silicone	S	Viton	V
Inch	mm	cod.																																																													
4"	100	04																																																													
9 ³ / ₄ "	247	09																																																													
9 ⁷ / ₈ "	251	10																																																													
10"	254	11																																																													
19 ³ / ₄ "	500	19																																																													
20"	508	20																																																													
29 ¹ / ₂ "	750	29																																																													
30"	762	30																																																													
39 ¹ / ₂ "	1000	39																																																													
40"	1016	40																																																													
Natural Carbon	C																																																														
Silvered Carbon	S																																																														
DOE	0																																																														
Cod.2	2																																																														
Cod.3	3																																																														
Cod.7	7																																																														
Cod.8	8																																																														
Ametek	9																																																														
SOE	S																																																														
EPDM	E																																																														
Nitrile	N																																																														
Silicone	S																																																														
Viton	V																																																														

Ordering Guide Example: SC-10-C-0-N