

SCF Series

Fabric Activated Carbon Filters



The SCF Series features a composite structure combining a melt-blown polypropylene core with an outer fabric activated carbon layer. The melt-blown core provides mechanical strength, while the carbon fabric effectively adsorbs odor, color, and organic compounds. Offering a large filtration area with low pressure drop, it ensures stable flow and extended service life. Ideal for water treatment, food & beverage, HVAC, and general industrial filtration.

Specifications

Construction Materials

Filtration Media	Activated Carbon
Core Support	Polypropylene
Gaskets / O-rings	Foamed PE

Dimensions

Length	250, 500, 750 mm
Inner Diameter	30 mm
Outer Diameter	68 mm
Micron Rating	5 μm

Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 °C
Change-out ΔP	Max. 2.0 bar at 20 °C
Temperature	Max. 60 °C

Features and Benefits

- Dual-layer design with melt-blown core and carbon fabric
- High adsorption efficiency for odor and color removal
- Low pressure drop with stable flow rate
- Excellent chemical resistance and durability
- Long service life with consistent performance

Applications

- Water treatment
- Food & beverage
- HVAC
- Chemical process
- Air purification
- General industry
- Ink & paint
- Cooling systems

Ordering Information

SCF	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	005 : 5μm	C1 : Activated Carbon	K10 : 250mm K20 : 500mm K30 : 750mm K40 : 1000mm	1 : Ø30/68	B : PP	1 : DOE 2 : 222/FLAT 3 : 222/FIN 4 : 226/FLAT 5 : 226/FIN	F : Foamed PE