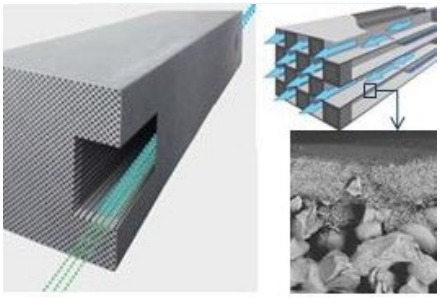
Crystar HiFlo A+

Crystar® Filtration Technology

Technical Datasheet



Crystar® FT dead-end technology are highly permeable, silicon carbide membranes for liquid filtration. They are certified for swimming pool and drinking water according standards NSF61/50. Silicon carbide is characterized by high chemical stability and abrasion resistance, as well as an excellent trade-off between retention efficiency and permeate flux. **Crystar® FT HiFlo A+** offers a highly compact membrane configuration, which makes it suitable to replace traditional technologies such as sand, bag and cartridge filters with significant benefits in term of compactness, filtrate quality, maintenance and OPEX.

Examples of application:

- Turbidity and microbiology reduction for drinking water production
- Pretreatment for RO processes
- Swimming pools

Technical Data		CFT HiFlo A+
Cross section dimension	mm	149 x 149
Standard lengths[1]	mm	1000
Channel hydraulic diameter	mm	1.9
Filtration area	m^2 - ft^2	16.0 – 172.4
Weight	kg - lbs	19 - 42 (without flange)
Chemical composition	-	SiC >99%
Membrane pore size[2]	µm	4
Filtration cut-off	µm	1
Filtration capacity[3]	m^3/h GPM	10 – 20 44 – 88
Recommended transmembrane pressure	bar – psi	up to 0.6 – 8.7 in vacuum mode up to 1.5 – 22.0 in pressure mode
Recommended backwash pressure	bar – psi	0 - 14
pH range	pH	Up to 65°C - 150°F with flange Up to 500°C – 930°F without flange

issued in *Feb-21*

1. Other lengths possible upon request up to the limit of 1000 mm
2. Average pore size as measured by mercury intrusion.
3. The filtration capacity is highly dependent on the feed water composition. Please consult us for more accurate information.

Saint-Gobain IndustrieKeramik Rödental GmbH
Oeslauer Straße 35, 96472 Rodental • Germany
P: +49 (0) 9563 724 0 • Fax: + 49 (0) 9563 724 356 • crystarft@saint-gobain.com
www.crystarfiltration.saint-gobain.com

SAINT-GOBAIN

The information contained in this document is believed to be accurate and reliable but is provided without guarantee or warranty on the part of Saint-Gobain IndustrieKeramik Rödental GmbH. Process parameters and requirements can impact typical values and test methods. Further, nothing present herein should be interpreted as an authorization or inducement to practice any patented invention without an appropriate license. Saint-Gobain IndustrieKeramik Rödental GmbH Terms and Conditions apply to all purchases.
Copyright © 2019, Saint-Gobain IndustrieKeramik Rödental GmbH. All rights reserved.