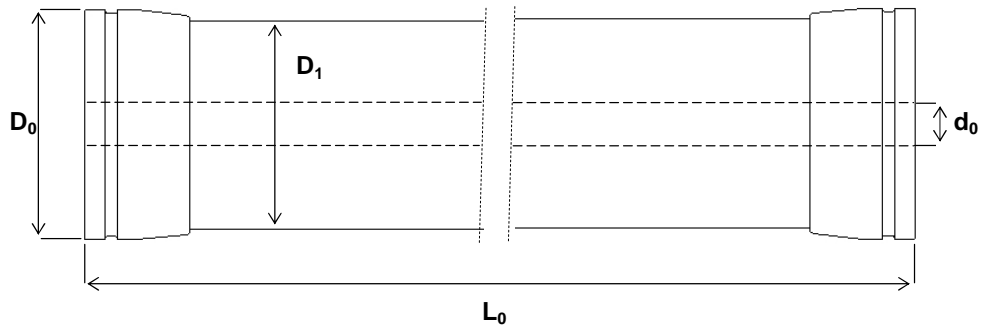


**8" CAPFIL MEMBRANE MODULE PVC**  
**S-225 FSFC**



**MODULE SPECIFICATIONS**

module type	membrane diameter [mm]	membrane area [m <sup>2</sup> ]	feed connection D <sub>0</sub> (*) [mm]	module length L <sub>0</sub> [mm]	module diameter D <sub>1</sub> [mm]	permeate connection d <sub>0</sub> [mm]
S-225 FSFC PVC	0.8	35	220.0	1537	200	42.6
S-225 FSFC PVC	1.5	20	220.0	1537	200	42.6

(\*) groove dimensions are according to the dimensions specified by Victaulics®

**MATERIALS OF CONSTRUCTION**

- housing : PVC
- flow distributor : PVC
- potting : epoxy
- membrane : see membrane data sheets

## CONNECTION SPECIFICATIONS

- Feed side  
standard 8" (219.1 mm) Victaulic® clamps (Style 75) with FlushSeal® gaskets  
NB. maximal internal diameter connection part = 188 mm
- Permeate side  
Endcap axial, connected with standard 2½" (73.0 mm) Victaulic® clamps (Style 75) with FlushSeal® gaskets  
(see also data sheet for connection parts)

## OPERATING SPECIFICATIONS

maximum system pressure (*) [kPa]	maximum transmembrane pressure (*) [kPa]	maximum backflush pressure (*) [kPa]	maximum operating temperature (*) [°C]
0 - 20 °C      600	0 - 40 °C:      300	0 - 40 °C:      300	40 (*)
20 - 25 °C      500			
25 - 30 °C      400			
30 - 35 °C      350			
35 - 40 °C      300			

(\*) final maximum operating limits are determined by the lowest values of the membrane and module pressure and temperature specifications (see also membrane data sheet)

- Backwash water should be free of particulates and should be of permeate quality or better.
- Backwash pumps should be made of non-corroding materials: plastic or stainless steel. If compressed air is used to pressurize the backwash water, do not allow a two-phase air/water mixture to enter the module.
- To avoid mechanical damage, do not subject the membrane module or element to sudden temperature changes, particularly decreases. Do not exceed 40 °C process temperature. Bring the module or element back to ambient operating temperature slowly (typical value 1 °C/min). Failure to adhere to this guideline can result in irreparable damage.

## PROCESS CHARACTERISTICS (WATER, 20 °C)

module type	hydraulic membrane diameter [mm]	cross-flow flow rate (*) [m <sup>3</sup> /h]	pressure-drop across module at 1 m/s [kPa]	pressure-drop across module at 2 m/s [kPa]
S-225 FSFC PVC	0.8	17.3 x v	72	150
S-225 FSFC PVC	1.5	19.0 x v	21	84

(\*) superficial velocity (v) in m/s

For more information please write or call to:

X-Flow B.V.  
P.O.Box 739  
7500 AS Enschede  
The Netherlands

Phone: + 31 (0)53 4287350  
Fax: + 31 (0)53 4287351  
E-mail: info@xflow.nl  
Web site: www.x-flow.com



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