

C 7025 Hollow Fiber Cartridge

Abstract

MC 2025 Cartridge with 50% package density, PVDF membrane and 0.65 m tubing system. Fibers are impregnated with glycerol.

Membrane

Membrane material: PVDF UFHF00307 (supplied by customer)
Geometry (ID/OD): 750 µm/ 1300 µm

Housing

Housing material: Polycarbonate
Length: 120 mm
Geometry (ID/OD): 9 mm/ 12 mm
ICS connectors: 2 x Large bore luer connectors (Polycarbonate)
ECS connectors: 2 x Wing connectors
Potting material: Polyurethane

Module

Number of fibres: 20
Package density: ~ 42 %
Active fiber length: 100 ± 2 mm
Inner surface area: 50 ± 10 cm²
Outer surface area: 80 ± 10 cm²
Intra capillary volume: ~ 1.1 ml
Extra capillary volume: ~ 3.7 ml
Tubing: 0.65 m

Test:

Housing integrity (I-Test) – passed/failed
Leak test of the fiber – passed/failed

Cautions

Packaging: single side sealed bag, double bagged
Sterilization: γ-irradiation
Storing: dry, between 5 – 40 °C
Operating Temperature: 5 – 40 °C
Recommended operation time: max. 30 days
Application: single use, not for re-sterilization