

## DATA SHEET

### Liqui-Flux® W05 - VC



All dimensions are nominal

Intended Use:	Ultrafiltration
Sheet no.:	W05 - VC – 10/2013 E
Supersedes sheet no.:	---

#### UltraPES™ Membrane Characteristics

Membrane type	Hollow fiber, inside - out
Membrane material	Polyethersulfone
Outer / Inner diameter	1.2 mm / 0.8 mm
Burst pressure	≥ 1200 kPa (174 psi)
Membrane configuration	Multifiber P.E.T.® Technology

#### Housing Characteristics

Housing material	Polyvinylchloride
Potting material	Polyurethane
Sealing material	EPDM
Connectors	Victaulic® 60.3 mm
Dry weight	9 kg (20 lbs.)
Weight filled with liquid	13 kg (29 lbs.)
Effective membrane surface area	8.7 m <sup>2</sup> (94 ft <sup>2</sup> )
Max. working pressure	600 kPa (87 psi) @ 20°C (68°F)
Max. working temperature	40°C (104°F) @ 150 kPa (22 psi)
pH-range during cleaning	1 - 13

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Typical Application / Operating Data:		
Operating mode		Dead-End / Cross-Flow
Typical flux range, filtration	l/m <sup>2</sup> *h (gal./ft <sup>2</sup> *day)	50 - 150 (29 - 88)
Typical flux range, backwash	l/m <sup>2</sup> *h (gal./ft <sup>2</sup> *day)	250 (147)
Filtrate flow rate range	m <sup>3</sup> /h (gpm)	0.4 - 1.3 (1.9 - 5.7)
Typical transmembrane pressure, filtration	kPa (psi)	10 - 70 (1.5 - 10)
Typical transmembrane pressure, backwash	kPa (psi)	50 - 200 (7 - 30)
Max. transmembrane pressure, filtration	kPa (psi)	250 (36)
Max. instantaneous chlorine tolerance	ppm	200
Max. free chlorine exposure	ppm h	200000
Typical cleaning chemicals		NaOCl, HCl, NaOH

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