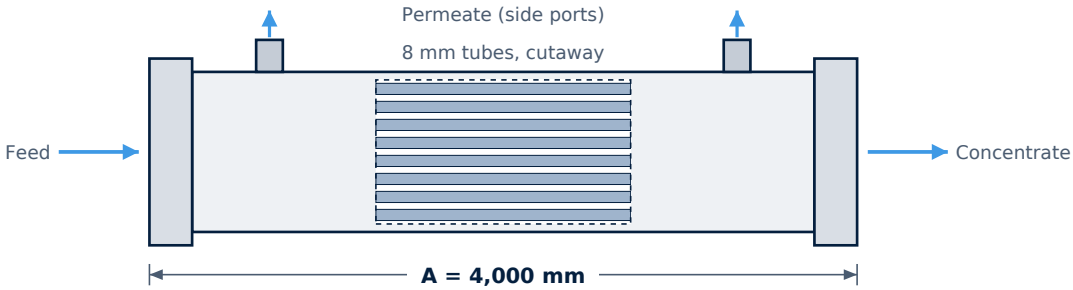
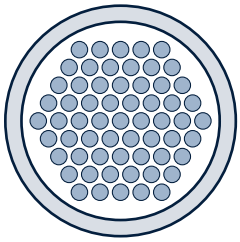
mail@thewaymembranes.com
www.thewaymembranes.com
Chennai, India

Tubeflux T8-1040

Tubular UF module, 8 mm · Datasheet

Tubular ultrafiltration module, Tubeflux series. 10-inch FRP housing, 4,000 mm long, holding 8 mm PVDF tubes with 53.4 m² of membrane area. Feed flows inside the tubes in cross-flow, so the module accepts high suspended solids, oil and biomass that would block hollow fibre. For external MBR, landfill leachate, chemical precipitation and oily wastewater.





End view: 10-inch housing

Module

Configuration	Tubular, inside-out cross-flow
Tube inside diameter	8 mm
Membrane	PVDF, 30 nm nominal pore size (100 kDa option)
Membrane area	53.4 m²
Housing	FRP, 10-inch
Module length (A)	4,000 mm

Operating limits *

Operating pressure	−0.2 to 8 bar
Maximum temperature	60 °C
Maximum cleaning temperature	40 °C
pH range	2 to 12
Chlorine for cleaning	Up to 500 ppm; 200 ppm typical
Chlorine exposure, cumulative	250,000 ppm·h
Design flux, typical	70 to 120 L/m²·h

Performance

Clean water flow at 1 bar, 25 °C	42.72 m³/h
Permeate at 70 to 120 L/m²·h	3.7 to 6.4 m³/h
Typical plant size per module train	300 to 500 m³/day

* General-use limits. A project design may set more conservative values for the best performance and the longest service life.

Tubeflux 8 mm range

Model	Housing	Length	Area	Clean water flow at 1 bar
T8-410	4 in	1,000 mm	2.1 m²	1.68 m³/h
T8-430	4 in	3,000 mm	6.4 m²	5.12 m³/h
T8-630	6 in	3,000 mm	15.2 m²	12.16 m³/h
T8-830	8 in	3,000 mm	27.2 m²	21.16 m³/h
T8-1040	**10 in**	**4,000 mm**	**53.4 m²**	**42.72 m³/h**

Operating guidelines

- Start up gradually: raise feed pressure and cross-flow over 30 to 60 seconds, and avoid pressure shocks during start-up, shutdown and cleaning.
- Never let permeate pressure exceed feed pressure. Avoid static back-pressure on the permeate side.
- Clean when permeate flow falls by 10 to 15 % or pressure drop rises by 15 %, using cleaners compatible with the stated pH and temperature limits.
- Complete pretreatment, piping flush and instrument checks before the first start-up.

General notes

- Example: a Tubeflux T8-830 run at 70 L/m²·h gives about 1.9 m³/h of permeate with about 0.8 bar pressure drop along the module.
- Modules are supplied wet or dry as agreed, end-capped and crated. Store above 5 °C and out of direct sun.
- Theway standard limited warranty applies. Operation outside the stated limits voids the warranty; the user is responsible for the effects of incompatible chemicals.

Theway Membranes · 29 Yadaval Street, SIDCO Industrial Estate, Ambattur, Chennai 600 098, India
mail@thewaymembranes.com · +91 44 48502060 · www.thewaymembranes.com
Designs are the property of Theway Membranes. Specifications may change without notice. Drawings are not to scale. Issued November 2026.

mail@thewaymembranes.com
www.thewaymembranes.com
Chennai, India

Tubeflux T8-1040

Theway Membranes believes the information here to be accurate and offers it in good faith. Conditions of use are outside our control, and the user is responsible for checking that the product suits the application. This datasheet is not a contract specification; the order acknowledgement and drawings issued with it govern.

Theway Membranes · 29 Yadaval Street, SIDCO Industrial Estate, Ambattur, Chennai 600 098, India
mail@thewaymembranes.com · +91 44 48502060 · www.thewaymembranes.com
Designs are the property of Theway Membranes. Specifications may change without notice. Drawings are not to scale. Issued November 2026.

mail@thewaymembranes.com
www.thewaymembranes.com
Chennai, India

Important information

Tubeflux T8-1040 tubular module datasheet. Read with every page of this document.

DOCUMENT	VERSION	RELEASED	PAGES	ISSUED BY
TWM-DS-TUBEFLUX-T8-1040	**1.1**	**November 2026**	**3**	**Theway Membranes**

Legal notice

Guidance only. Values are typical and indicative, given in good faith under the stated reference conditions. They are not guaranteed values and not a warranty of performance; actual performance depends on feed water, pretreatment, design, operation and maintenance.

Binding terms. The only binding specification is Theway's written quotation and order acknowledgement. Supply is under Theway's Terms of Sale, which set out the warranty and limit Theway's liability. Except as stated there, Theway gives no warranty, express or implied, including merchantability or fitness for a particular purpose.

No liability for reliance. To the fullest extent permitted by law, Theway accepts no liability for any loss, damage, injury or cost arising from use of or reliance on this document, or from misuse, incorrect installation, modification or use outside the stated limits, and no liability for indirect, incidental, special or consequential loss.

Your responsibility. The user must confirm that the product is suitable and safe for the intended use, including chemical compatibility, potable-water or food-contact requirements and local regulations, and must have it installed and operated by competent persons.

Replacement products and trade marks. Where this document names another maker's product, the Theway product is built to fit and operate in its place by its published dimensions, connections and ratings. It is not made, approved or endorsed by that maker, and Theway is not connected with it. Fitting it may affect a warranty or service agreement with the original supplier; check before replacing. Brand and model names belong to their owners and are used only for identification.

Changes and versions. Theway may change designs and specifications without notice. This version supersedes all earlier versions; ask for the current version before ordering.

Ownership. © 2026 Theway Membranes. All rights reserved. This document, its drawings and images are Theway's property and are for illustration; supplied products may differ in finish and labelling. They may not be copied, altered, published or passed to third parties without Theway's written permission, except to evaluate Theway products.

Law. Governing law and jurisdiction are as stated in the Terms of Sale. Full terms: www.thewaymembranes.com/post/terms-of-sale and www.thewaymembranes.com/post/product-and-datasheet-disclaimer.

Questions about this document: mail@thewaymembranes.com · +91 44 48502060 · +91 73974 98660. Always ask for the current version before ordering or designing.

Theway Membranes · 29 Yadaval Street, SIDCO Industrial Estate, Ambattur, Chennai 600 098, India
mail@thewaymembranes.com · +91 44 48502060 · www.thewaymembranes.com
Designs are the property of Theway Membranes. Specifications may change without notice. Drawings are not to scale. Issued November 2026.