

T-CUT PP

Tubular Modules for Microfiltration

CUT provides a high-quality and robust tubular module range that has been especially designed for filtering abrasive media and applications under extreme conditions - the T-CUT PP series. With their polypropylene / PVDF membranes welded into rugged housings the 0 – 13 pH range is feasible to operate. Our highly resistant PP tubular membrane modules can be found in use, for example, in acid and lye recycling.

They have also been used successfully in various other

processes for many years, such as pigment or abrasive particle separation from suspensions. T-CUT PP tubular membrane modules are made exclusively from a single material (polypropylene) without using potting resins, which enables very durable and long-lasting service lives to be realized together with extremely robust mechanical stability. T-CUT PP tubular membrane modules are especially convincing where conventional compound membrane modules fail.



Advantages

- highest stability and long lasting
- resistant to a wide range of chemicals
- extreme abrasion resistance
- easy to clean
- suitable for backwashing

Technical data T-CUT PP Series

PP-Series		PP01	PP04	PP05	PP08	PP09	PP16	PP19
Length Module	[mm]	1,000	1,360	1,360	2,710	2,710	2,710	3,388
Length Connectors (2x)	[mm]	-	-	145	145	145	195	195
Length Total	[mm]	1,000	1,360	1,650	3,000	3,000	3,100	3,778
Module Diameter	[mm]	110	200	200	200	200	250	250
Membrane Area	[m²]	1*	4	5	8	9	16	19
Membrane Quantity	[qty]	60	174	199	174	199	324	324
Membrane Material		Polypropylene (PP) / PVDF						
MWCO Pore Size	[µm]	0.05						
Ø-Membrane (inside)	[mm]	5.6 (7.6)**						
Connection Type		Flange, Clamp, Victaulic *						
Housing Material		Polypropylene (PP)						
Temperature Range	[°C]	5 - 60						
pH Range		0 - 13						
Max. Operating Pressure	[bar]	6						

*lab-/pilot modules with tri-clamp or threaded connections. Please refer to the data sheets..

**all module types are also available with membrane ID of 7.6mm – more data on request...