



Kronsbein ultrafilter®



ULTRA.TEC-J Filter Cartridge

For Liquids and technical Gases



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Ultrafilter BeLux

Beta Solutions B.V.

Begoniastraat 36 - 9810 Nazareth - Belgium

Tel: +32 (0)9 324 88 63

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ULTRA.TEC-J Filter Cartridge

ULTRA.TEC-J:

Ultrafilter GmbH manufacture a range of disposable polymeric filters to use in junior size filter housings.

The Ultrafilter GmbH ULTRA.TEC filter family has been expanded to include small configurations to address the full range of gas filtration needs of the food and beverage industry.

ULTRA.TEC Filter Cartridges provide absolute, accurate filtration for most critical needs in a wide range of process liquids and gas. The ULTRA.TEC series-filter design allows minimal hold-up volume and particle shedding, meeting exacting specifications for chemical compatibility, flow rates, thermal tolerances, high dirt- holding capacity and long on-stream life.

FEATURES AND BENEFITS:

- WIDE OPTION OF FILTRATION MEDIA

Ultrafilter ULTRA.TEC cartridges are available with PTFE, PES, PVDF and PP media)

- DIFFERENT ENDCAP CONFIGURATION

- NO SURFACE BINDERS

- MATERIALS OF CONSTRUCTION ARE LIST FDA LISTED

- LOW EXTRACTABLES

- CARTRIDGE IS APPROPRIATE FOR USE IN THE PHARMACEU-



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SPECIFICATIONS			
	PF-PTJ	PF-PESJ	PF-BEVJ
Material	PTFE Hydrophobic	PES Single-Layer	PES Double-Layer
Retention Rate	0.01 µm 0.20 µm	0.20 µm 0.45 µm	0.20+0.10 µm 0.20+0.20 µm 0.45+0.20 µm 0.45+0.45 µm 0.65+0.45 µm
Max. Operating Temp.	80°C	90°C	90°C
Max. Differential Pressure	5 bar @ 21°C 2.4 bar @ 80 °C	4 bar @ 21°C 2.4 bar @ 90 °C	4 bar @ 21°C 2.4 bar @ 90 °C
End Cap Configuration			
Seal Material	PTFE, Encapsulated Silicone		

SPECIFICATIONS				
	PF-PVDFSLJ	PF-PVDFDL-J	PF-TF-TAJ	PF-PPJ
Material	PVDF Hydrophlic	PVDF Hydrophlic	PP Absolute-Rated	PP Multi-layer PP
Retention Rate	<u>Single-Layer</u> 0.10 µm 0.20 µm 0.45 µm 0.65 µm 1.00 µm	<u>Double-Layer</u> 0.20+0.1 µm 0.20+0.20 µm 0.45+0.45 µm 1.00+0.45 µm	0.5 µm 1.0 µm 1.5 µm 2.0 µm 5.0 µm 10.0 µm 20.0 µm	0.5 µm 1.0 µm 1.5 µm 2.0 µm 5.0 µm 10.0 µm 20.0 µm 40.0 µm
Max. Operating Temp.	90°C	90°C	80°C	80°C
Max. Differential Pressure	4 bar @ 21°C 2.4 bar @ 90 °C	4 bar @ 21°C 2.4 bar @ 90 °C	4 bar @ 21°C 21 bar @ 80 °C	4 bar @ 21°C 21 bar @ 80 °C
End Cap Configuration				
Seal Material	PTFE , Encapsulated Silicone		Silicone, EPDM, Viton, Encapsulated Viton	



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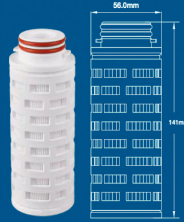
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CODE 01



CODE 02



CODE 03



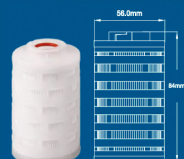
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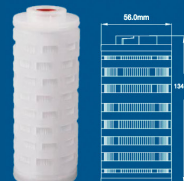
CODE 05



CODE 06



CODE 07



CODE 08



CODE 09



CODE 10



CODE 11



CODE 12



CODE 13



CODE 14



CODE 15



CODE 16



CODE 17



Technical Alternations reserved

ORDERING INFORMATION

Type of Cartridge	REMOVAL	FILTER SIZE & CONNECTI- ON TYPE	SEAL MATERIAL	PHARMA GRADE
PF-PTJ-	001 = 0.01 µm	01 = 126-70	A = EPDM	-V
PF-PESJ-	002 = 0.02 µm	02 = 126	B = Silicone	
PF-BEVJ-	010 = 0.10 µm	03 = OCF	C = Viton	
PF-PVDFSLJ-	020 = 0.20 µm	04 = OCF-1	D = PTFE	
PF-PVDFDLJ-	040 = 0.45 µm	05 = 56-70	E = Encapsulated Silicone	
PF-TF-TAJ-	050 = 0.50 µm	06 = 56-84	F = Encapsulated Viton	
PF-PPJ-	060 = 0.65 µm	07 = 56		
	080 = 0.80 µm	08 = 56-70-OBC		
	100 = 1.00 µm	09 = SLVP		
	120 = 1.20 µm	10 = SLVP-72		
	150 = 1.50 µm	11 = SLVP-120		
	200 = 2.00 µm	12 = DH56		
	300 = 3.00 µm	13 = SLV		
	500 = 5.00 µm	14 = SLV-72		
	700 = 7.00 µm	15 = SLV-120		
	1000 = 10.00 µm	16 = PCF II-69		
	2000 = 20.00 µm	17 = PCF II-127		
	4000 = 40.00 µm			



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