

mdi Polypropylene cartridge filters type *ClariSure DP* have been designed for medium efficiency particle removal applications from liquids and air/gases. Primarily used for pre-filtration purposes, these cartridge filters can also be used for terminal filtration in non-critical applications. The all polypropylene construction imparts the filter with very wide chemical compatibility.

mdi *ClariSure DP* cartridge filters are available in different pore sizes to suit a multitude of applications.



Special Features

- Retention efficiency (**99.9%**)
- High dirt holding capacity
- High flow rates
- Non media migrating
- Wide chemical compatibility
- High heat resistance
- Biologically inert

Specifications

Applications

- Filtration of feed water to RO plants
- Filtration of re-circulation water in Ampoule/ Vial washing
- Clarification of Buffers

Complies with USDFA 21 CFR 210.3(b)(6)
Meets and Exceeds USDFA 21 CFR 177.1520

Construction				
Pore size	1µm, 1.5µm, 3µm, 5µm, 10µm, 20µm, 30µm, 40µm			
Filter Media	Polypropylene			
Support Layers	Polypropylene			
Body and Core	Polypropylene			
Size				
Size	5"	10"	20"	30"
Effective Filtration Area (Nominal)	2000cm ²	4000cm ²	8000cm ²	12000cm ²
Operational				
Max. Operating Temperature	80 °C @ < 30 psi (2 Kg/cm ²)			
Max. Differential Pressure	50 psi (3.5 Kg/cm ²) @ 25 °C			
Assurance				
Toxicity	Passes Biological reactivity test, In Vivo, as per USP <88> for Class VI plastics			
Non Fiber Releasing	Passes test as per USP and comply with USFDA 21 CFR Part 210.3(b)(6) for fiber release			
Extractables with WFI	Passes NVR test as per USP <661>			
Oxidizable Substances	Passes test as per USP <1231>			
Particle Shedding	The filtrate complies with USP <788> test for particulate matter in injections			
Indirect Food Additive	All Polypropylene components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177.1520			
Good Manufacturing Practice	These products are manufactured in a facility which adheres to Good Manufacturing Practices.			
Quality Management System	ISO-9001 Certified			
USFDA	DMF No. 015554			

Ordering Information

Type		Size		Pore Size		Adapter		Elastomer		Sterility		Pack Size	
	Code	Length and filtration Area	Code		Code		Code		Code		Code		Code
ClariSure DP	CPDP	5***	53	1 µm	05	7P	A0	Silicone	SS	Non Sterile	1	1	01
		10"	54	1.5 µm	14	7P without Fin	A1	EPDM	SE				
		20"	55	3 µm	16	BEO	B0	Viton	SV				
		30"	56	5 µm	07	28 with Fin	C0	PTFE***	ST				
				10 µm	08	'0'	D0	FEP	FV*				
				20 µm	11			Encapsulated					
				30 µm	19			Viton					
				40 µm	20								

Example

CPDP	55	05	A0	SS	1	01
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*FV is available in adapter code A0 (7P) and A1 (7P without fin) only

**Size 5" is available in adapter code A0 (7P) and A1 (7P without fin) only

***PTFE (ST) gasket seals are available with 'B0' adapter code only

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