

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 Bioreactivity 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 test as per USP			
Oxidizable Substances	Within limits as specified in USP			
Particle Shedding	Passes USP test for particulates in injectables.			
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-9001:2008 Certified			
USFDA	DMF No. 015554			

Ordering Information

Type		Size		Pore Size		Adaptor		Elastomer		Sterility		Pack Size	
	Code	Length and filtration Area	Code		Code		Code		Code		Code		Code
<i>ClariSure DP</i>	CPDP	5"	53	1 µm	05	7P	A0	Silicone	SS	Non Sterile	1	1	01
		10"	54	1.5 µm	14	'0'	D0	EPDM	SE				
		20"	55	3 µm	16			Viton	SV				
		30"	56	5 µm	07	BEO	B0	PTFE	ST				
				10 µm	08			FEP					
				20 µm	11			Encapsulated Viton	FV*				
				30 µm	19								
				40 µm	20								

* FV is available in Adapter Code A0 (7P) only

Example

CPDP	55	05	A0	SS	1	01
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