

Absolute-Rated PP Pleated Filter

PARSWOOD PPA Series absolute-rated pleated polypropylene filter cartridges are designed for reliable particle removal in food and beverage, process water, chemical processing, and industrial prefiltration applications.

Featuring thermally bonded polypropylene filter media and support components, the PPA Series provides consistent particle retention, low extractables, and broad chemical compatibility. Available in filtration ratings from 0.1 to 50 µm, with multiple cartridge lengths, end-cap configurations, and sealing materials to suit a wide range of filtration systems.



FEATURES

Absolute rated structure, particle removal rating from 0.1 to 50 micron
Polypropylene filter media and support components provide broad chemical compatibility. Suitable for use in a variety of fluids
Consistent particle removal, no migration of filter media and non fiber shedding

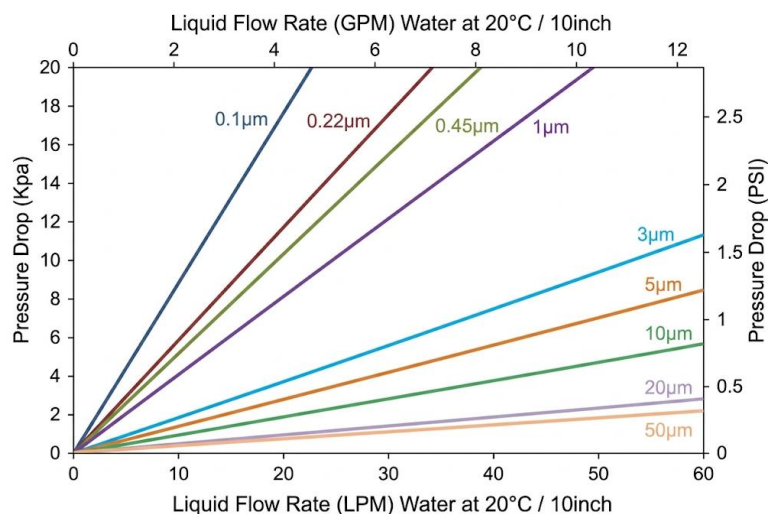
APPLICATIONS

Food & Beverage
Plating Chemicals
RO Pre-Filtration
Fine Chemicals
Process Water

MATERIALS, DIMENSIONS & OPERATING LIMITS

MATERIALS & DIMENSIONS		OPERATING PARAMETERS	
Filter Media	Pleated polypropylene	Maximum operating temperature	80°C
Media support	Polypropylene	Max. differential pressure / 20°C	4.0 bar
Core / cage / end caps	Polypropylene	Max. differential pressure / 80°C	2.4 bar
Seal material	Silicone, EPDM, NBR, FKM, E-FKM		
Outside diameter	69 mm / 2.71" (nominal)		
Cartridge length	5", 10", 20", 30", 40"		
Connection Adaptor	SS Insert, PSU Insert		

TYPICAL CLEAN-WATER PRESSURE DROP



REFERENCE CURVE

Water at 20°C. Flow curves represent the broader cartridge series.

Actual pressure drop depends on cartridge length, fluid viscosity, flow, and fouling.

CONFIGURATION & TECHNICAL REFERENCE

Specify the complete PARSWOOD part number for the quoted element configuration.

PARSWOOD ORDERING GUIDE

PPA0045B30SP					
Filter Type	Removal Rating	End Cap Type	Length	Seal Material	Core
PPA Pleated Filter	0010=0.1µm	N = DOE	5 = 5"	S = Silicone	P = PP Core
	0022=0.22µm	F= 222 / Flat	10 = 10"	E = EPDM	S = SS Core
	0045=0.45µm	J = 226 / Flat	20 = 20"	B = NBR	
	0100=1µm	C = 222 / Fin	30 = 30"	V = FKM	
	0300=3µm	B = 226 / Fin	40 = 40"	F = E-FKM	
	0500=5µm				
	1000=10µm				
	2000=20µm				
	5000=50µm				

Part number = filtration media + removal rating + adapter + length + seal + core.

PERFORMANCE & QUALIFICATION

QUALITY	FOOD CONTACT COMPLIANCE
Manufactured in a clean room environment	Materials comply with applicable FDA food-contact requirements under 21 CFR
Manufactured according to ISO9001:2015 certified Quality Management System	Materials of filter media and hardware meet the specifications for biological safety per USP Class VI-121 °C for plastics
	Compliance with Commission Regulation (EU) No 10/2011
	Halal certification available

CIP / SIP SERVICE

Chemical cleaning compatibility depends on the process conditions and cleaning agents used. Steam sterilization suitability has not been established by the published series specifications and must be confirmed before use.

IMPORTANT TECHNICAL NOTICE

Technical information is derived from supplier product-family literature for evaluation. It is not a product-specific qualification or performance guarantee. The purchaser is responsible for verifying dimensional compatibility, process conditions, food-contact and validation requirements, and fitness for its intended application.