



TRU-PLEAT™

Series PS

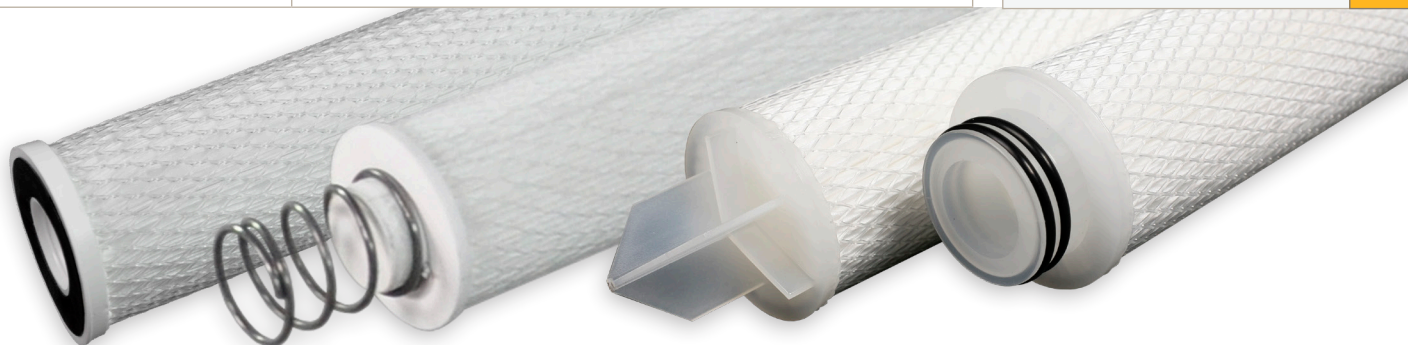
Pleated Synthetic, Small Diameter Liquid Filter Cartridges

For use in PECO Series 55 vessels or competitor vessels of similar design

Tru-Pleat™, Series PS, cartridges are made from either 100% polypropylene or polyester. Both materials are known for their durability and resistance to a wide range of chemicals, making them suitable for many industrial applications. The media pleat pack is ultrasonically seamed which creates a strong, reliable bond without the use of adhesives, clips, or fasteners to join media. End caps, pleat pack, core, and netting are held together

through thermally bonded providing a high degree of compatibility with a wide range of fluids. Tru-Pleat cartridges are available in a broad range of micron ratings providing absolute efficiency, allowing you to choose the one that best suits your needs. They also come in common endcap configurations providing flexibility fitting into a variety of filter vessels in the market. You won't find a more versatile and durable all synthetic pleated cartridge!

FEATURES	BENEFITS	APPLICATIONS
100% Polyester or Polypropylene Materials	Provides durability and resistance to a wide range of chemicals.	
Absolute Rated Media	Provides reliable removal efficiency.	
Ultrasonically Seamed Media Pleat Pack	Creates a strong, reliable bond without the use of adhesives, clips or fasteners to join media. This eliminates the opportunity for bypass at the seam.	
Thermal Bonding of Components	End caps are attached to media pleat pack, core, and outer netting support by thermal bonding instead of using adhesives. This ensures a high level of chemical compatibility and provides a strong, seamless bond to prevent bypass.	
Polypropylene Materials are FDA Acceptable	All polypropylene filters are made with FDA listed materials and acceptable for potable and edible liquid contact according to CFR Title 21.	
Common End Cap Options	Accommodates flexibility fitting in variety of manufacturers vessels.	
• Chemical Processing • Water • R.O. Pre-filtration • Critical Lubricating Oils • Oil / Gas Production • Food & Beverage • Power Generation • Solvents • Injection Fluids • Glycol / Amine • Acids / Bases		



NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
209	2.5" / 64mm	1" / 27mm	9.75" / 248mm
210	2.5" / 64mm	1" / 27mm	10" / 254mm
219	2.5" / 64mm	1" / 27mm	19.5" / 495mm
220	2.5" / 64mm	1" / 27mm	20" / 508mm
229	2.5" / 64mm	1" / 27mm	29.25" / 743mm
230	2.5" / 64mm	1" / 27mm	30" / 762mm
240	2.5" / 64mm	1" / 27mm	40" / 1016mm
336	3" / 76mm	1.5" / 39mm	36" / 914mm
1101	3.8" / 96mm	1.9" / 48mm	38.9" / 988mm
1401	3.8" / 96mm	2.2" / 56mm	38.9" / 988mm

MATERIALS

MEDIA	Polypropylene or Polyester
CORE	2.5" OD – Polypropylene or Polyester 3" OD – Polypropylene or Tin Plated Steel
OUTER SUPPORT	Polypropylene or Polyester Netting
END CAPS	Polypropylene or Polyester
SEAL	Buna-N, EPR, Viton®, Silicone
SPRING (when applicable)	Carbon Steel or Stainless Steel

OPERATING DATA

FLOW DIRECTION: Outside-to-Inside

MAX. TEMP: Polyester 240°F / 116°C
Polypropylene 180°F / 82°C

MAX. DIFFERENTIAL PRESSURE: 50 psid / 3.4 bar

**RECOMMENDED CHANGE-OUT
DIFFERENTIAL PRESSURE:** 20 psid / 1.378 bar

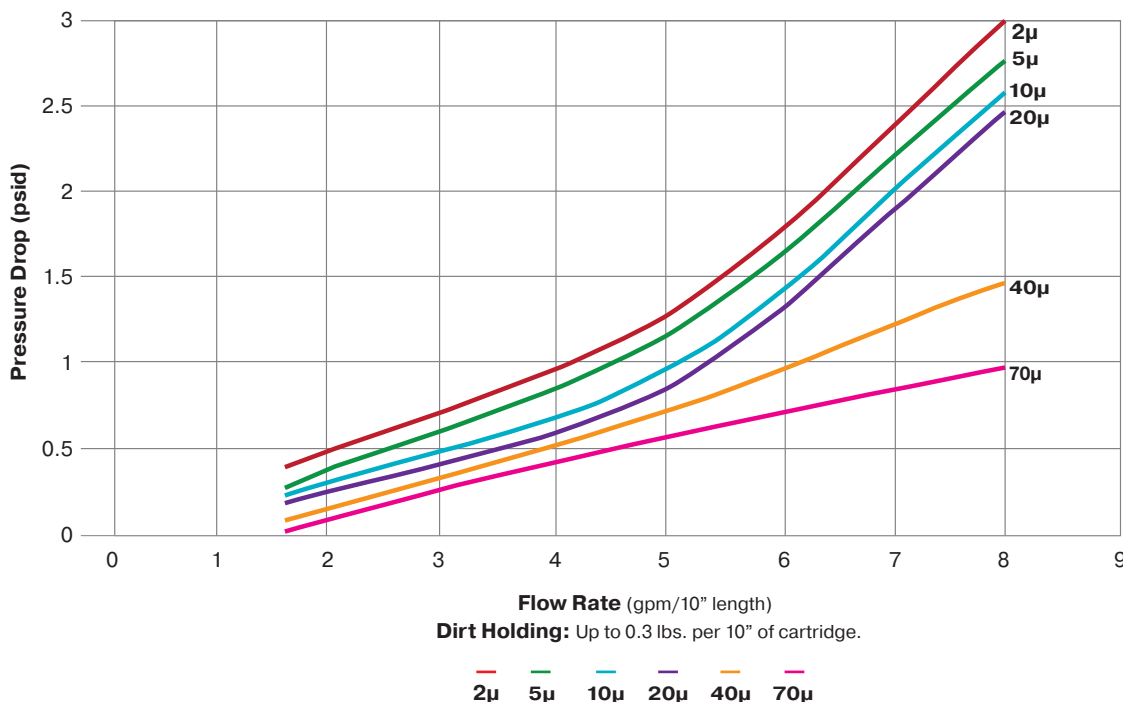
PH RANGE: Polypropylene 2–14
Polyester 3–9

PERFORMANCE

MICRON RATING: 0.5, 2, 5, 10, 20, 40, 70

EFFICIENCY: 99.98%

TRU-PLEAT™ PS CARTRIDGES, 10" LENGTH CLEAN FLOW CURVES [1cP]



PART MODEL MATRIX

Not all combination are available. Consult technical service for verification if necessary.

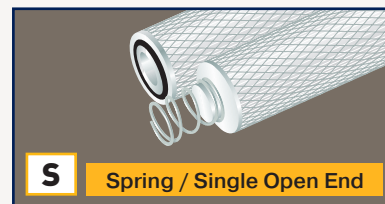
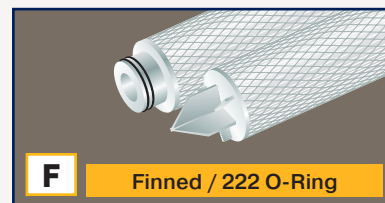
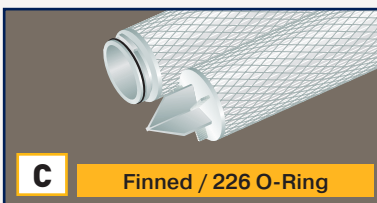
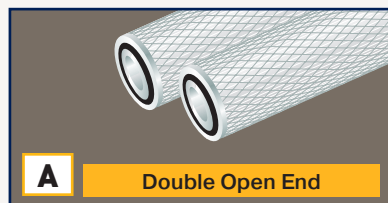
PS	230	S1	C	10	E	B		
SERIES	SIZE	2.5" O.D. END CAP STYLE		PERFORMANCE	MEDIA	SEAL		
	209	CODE	STYLE	CODE	MICRON	CODE	MATERIAL	
	210	A	DOE (Double Open End)	00	0.5	E	Polyester	
	219	C	Finned / 226 O-Ring	02	2	L	Polypropylene	
	220	F	Finned / 222 O-Ring	05	5			
	229	J	Closed / 226 O-Ring	10	10		B	Buna
	230	O	Closed / 222 O-Ring	20	20		E	EPR
	240	S1	2.5" cs spring / open end	40	40		S	Silicone
	336	S2	2.5" ss spring / open end	70	70		V	Viton*
	1101							
	1401							
		3" O.D. END CAP STYLE		3.8" O.D. END CAP STYLE				
		CODE	STYLE	CODE	STYLE			
		A	DOE (Double Open End)	I	Closed / 1101 or 1401 O-Ring			
		C	Finned / 226 O-Ring					
		S1	2.5" cs spring / open end					
		S2	2.5" ss spring / open end					

cs = carbon steel

ss = stainless steel

1101 size only available in carbon steel core and end caps

END CAP STYLES



SCAN QR CODE FOR ADDITIONAL
PRODUCT INFORMATION INCLUDING
AVAILABLE PART NUMBERS

For technical questions contact ipf.technical@support.parker.com or call 940-325-2575
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