

JPLX Series

Coreless pleated cartridges for reduced maintenance and increased productivity in a wide range of chemical midstream and refining liquid applications.

Jonell Systems JPLX Series are coreless cartridges with inside to outside flow.

With an innovative pleated design, the JPLX Series of cartridges is self-supported and retains structural integrity from installation to removal, despite a coreless design.

Ideal for solid-liquid separation, this coreless cartridge range delivers effective single pass filtration for batch and drumming applications.

Features and benefits

Quick and easy installation and removal

Its self-supported design gives it structural integrity from installation to removal, despite being coreless. This reduces the time spent on cleaning the vessel during change outs, improving downtime.

Superior contaminant removal

Built using high performance media, this cartridge uses differential pressure to efficiently and effectively remove contaminants.

Wide range of media and configurations

The extensive range of media and configurations available enables customers to optimize their filtration process needs. It allows effective filtration in versatile applications depending on compatibility.

Providing better filtration compared to standard bag cartridge

These cartridges deliver 5 to 8 times more surface area, making filtration more effective than a standard bag cartridge, protecting downstream critical equipment and providing a lower cost of ownership.

Ease of disposal


Available with self-supported media packs for ease of disposal.

No hardware changes required

The JPLX series can be installed without hardware changes, unlike other cartridges available in the market which require a change of basket.



Specifications

Products	Criteria	Detail
	Dimensions	Nominal OD: 6.0" Nominal length: 26.5' and 39' (other lengths available)
	Construction Materials ***all media packs will have a screen on both sides for additional/robust support***	End caps: Nylon Orings: Viton (standard), buna and EPDM also available Media: Cellulose, Polypropylene, Microglass, Nylon, Blended Cellulose media, cotton, polyester Standard gasket materials are offered (Buna, Viton, EPDM)
	Core	Coreless design
	Flow Direction	Inside to outside flow
	Operating Temperature	Polypropylene with polypro support: 180 deg F Microglass with polyester support: 240 deg F Microglass with nylon support: 300 deg F Cellulose: 275 deg F Cotton: 300 deg F Blended Cellulose media: 240 deg F Nylon media: 300 deg F Polyester media: 240 deg F
	Recommended change out PSID	25 - 30 psid (based on process)
	Micron ratings	Standard micron ratings are available for all media configurations

Nomenclature

JPLX	6	39	-	10	-	G	F	B	-	SR2
SERIES	OUTSIDE DIAMETER	LENGTH		MICRON RATING		MEDIA TYPE	EFFICIENCY	ORING		SUPPORT
CODE DESCRIPTION	CODE DESCRIPTION	CODE DESCRIPTION		CODE DESCRIPTION		CODE DESCRIPTION	CODE DESCRIPTION	CODE DESCRIPTION		CODE DESCRIPTION
6 6 inches	26 26 inches 39 39 inches * others on request	1 1 Micron 5 5 Microns 10 10 Microns 25 25 Microns 40 40 Microns 70 70 Microns		A Cotton G Microglass P Polypropylene C Cellulose E Polyester	F* 90% A 99.98% B 99.9% C 99% Cellulose - A 99%	B Buna V Viton		Blank Screen Reinforced SR2 Screen Reinforced Upstream/Downstream		

* Standard

About us

Jonell Systems, a Filtration Group brand, partners with oil, gas and energy companies worldwide to address end to end filtration challenges to improve process safety, reliability, productivity and ultimately profitability. With a wide range of vessels and cartridges with multiple media options, we have solutions to make the world safer, healthier and more productive.

