

JONELL SYSTEMS™

# LIQUIPLEAT SERIES CARTRIDGES

STANDARD CONFIGURATIONS | 2.5" - 6" Diameters

Making the world safer, healthier  
and more productive.



**JONELL** SYSTEMS™  
Filtration Group®

# JONELL SYSTEMS

Jonell Systems partners with customers to provide process filtration solutions across oil & gas, refining, petrochemical, chemical and power generation markets among others.

We manufacture complete systems, vessels and cartridges to optimize your filtration processes. This coupled with our technical expertise, allows us to solve even the most challenging filtration applications.

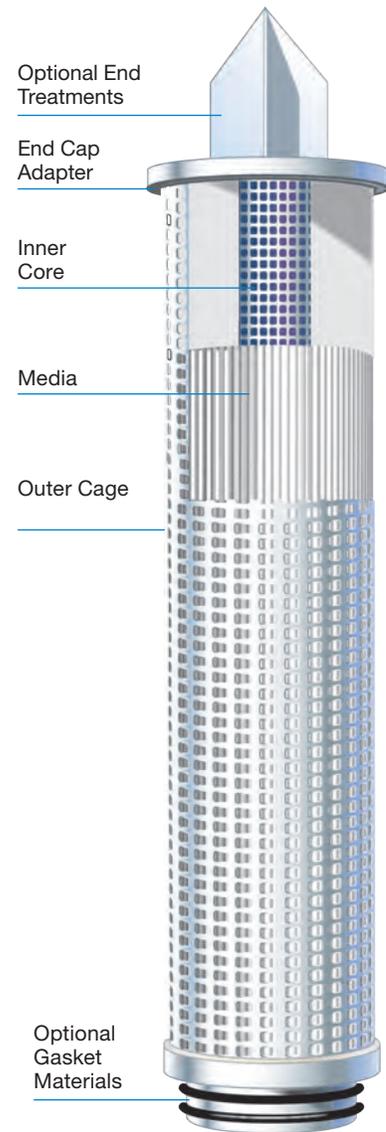
With decades of experience in the liquid process filtration market, Jonell Systems continues to invest in R&D and engineering to bring to market a wide range of solutions for liquid filtration applications.

## LIQUID FILTRATION CARTRIDGES

- High surface area cartridges ideal for applications with rigid solid contaminants and a narrow target micron range
- Optimal pleat spacing maximizes the effective filtration surface area
- Extensive range of configurations available to meet a wide spectrum of application requirements

## APPLICATION RANGE

- Condensate
- Amine & Glycol
- Lubricants
- Acids & Alkali
- Solvents
- Catalyst Disposal
- Inks
- Injection & Lubricants
- Adhesives
- Fabric Coatings
- Paints
- Dyes
- Product Polishing
- Bulk Chemical Filtration
- Waste Water
- Injection water
- RO Water
- Final product filtration

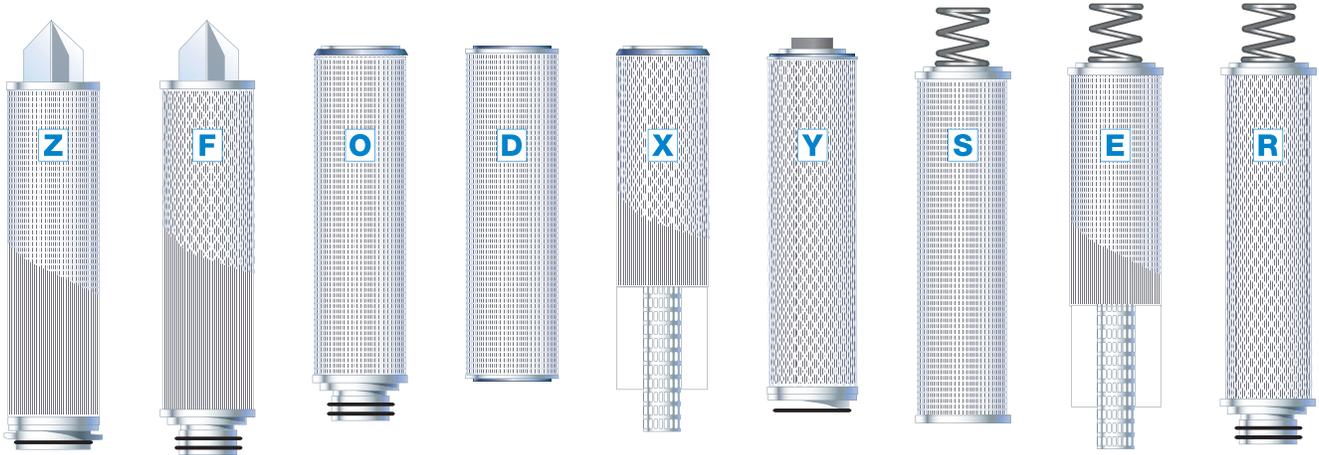


## NOMENCLATURE - SMALL DIAMETER

Media		OD / ID		Length		Micron		Efficiency		Gaskets		End Cap Style		Spring/Extensions		End Caps/Core	
P	Polypropylene	25	2.5 / 1.06	09	9.75"	00	0.5	A	99.98%	B	Buna	NC	No center core	1	Carbon Steel	Blank	Same as media for P and E
G	Microglass	26	2.63 / 1.06	10	10.00"	01	1	B	99.9%	E	EPR	D	Double Open End	2	Stainless Steel	E	Polyester
E	Polyester	27	2.75 / 1.06	19	19.50"	02	2	C	99.0%	S	Silicone	E	Spring / Extension	3	Polypropylene	P	Polypropylene
A	Cotton	3	3.0 / 1.63	20	20.00"	05	5	D	98.0%	T	Teflon	F	222 O ring / Fin	5	SS/Polypropylene	M	Carbon Steel
C	Cellulose			29	29.25"	10	10	E	95.0%	V	Viton	O	222 O ring / Closed	6	Polypropylene/SS	S	Stainless Steel
K	Cellulose Blend			30	30.00"	20	20	F	90.0%			R	222 O ring / Spring	7	CS/Polypropylene	GP	Glass filled Polypropylene Core
X	Nomex			36	36.00"	40	40					S	SOE / Spring			R	Rigid Outer Cage
GN	Glass/Nylon			40	40.00"	70	70					X	Extension				
GX	Glass/Nomex			47	47.00"							Y	226 O ring / Closed				
												Z	226 O ring / Fin				

# LIQUIPLEAT SERIES CARTRIDGES

## END CAP STYLE



## MEDIA STYLE

Series	Media Type	Media Characteristics	Temperature Guidance	pH Range
E	Polyester	Thermally bonded fibers and broad chemical compatibility	240F	0 - 9
P	Polypropylene	FDA compliant media with thermally bonded fibers	180F	0 - 14
G	Microglass	High strength cartridges with acrylic binders and low initial dP	340F	0 - 9
C	Cellulose	Resin bonded natural fibers great for lube oils and refined fuels	275F	5 - 9
K	Blended media	Blend of synthetic and cellulose fibers for increased strength.	240F	5 - 9
A	Cotton	Bonded media with broad compatibility, particularly with Amines at high temperature	300F	6 - 12
N	Nylon	High strength polymer with excellent chemical and thermal compatibilities	365F	4 - 12
X	Nomex	High temperature media for specialized applications with operating temperatures above 350F	400F	5 - 10
GN	Glass/Nylon	High temperature combination of microglass and nylon material	365F	4 - 9
GX	Glass/Nomex	Extreme temperature combination of microglass and Nomex material	400F	5 - 9

## NOMENCLATURE - LARGE DIAMETER

JPM		6	36	-	10		-	W		-	CE				
Media		OD / ID		Length		Micron		Efficiency		Outer Wrap		Gasket		End Cap	
Blank or C	Cellulose	6	6.0 / 3.50	12	12"	00	0.5	Blank	98%	Blank	Flexguard	Blank	Buna	Blank	Double open end
E	Polyester	7	6.0 / 2.63	18	18"	01	1	A	99%	W	Perforated Metal	E	EPR	CE	Closed end with bolt hole
P	Polypropylene			24	24"	02	2	A	99.98%			V	Viton		
G	Microglass			29	29"	05	5								
K	Cellulose Blend			36	36"	10	10								
A	Cotton			44	44"	25	25								
N	Nylon					40	40								
X	Nomex					70	70								
GN	Glass/Nylon														
GX	Glass/Nomex														

NOTE: The nomenclature chart is for reference only. Jonell Systems Engineering Team designs cartridges and can verify the suitability for an application.



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