

ECO-RBU Series

RESIN-BOND UPGRADE

Jonell Systems' new Eco-friendly Resin-Bond Upgrade (**ECO-RBU**) delivers significant performance enhancements to traditional resin bonded filters – without the use of harmful resin.

The **ECO-RBU** was specifically designed to serve the Energy and Chemical industries with the environment, industry requirements, customer needs, and traditional resin bond product challenges at the forefront.

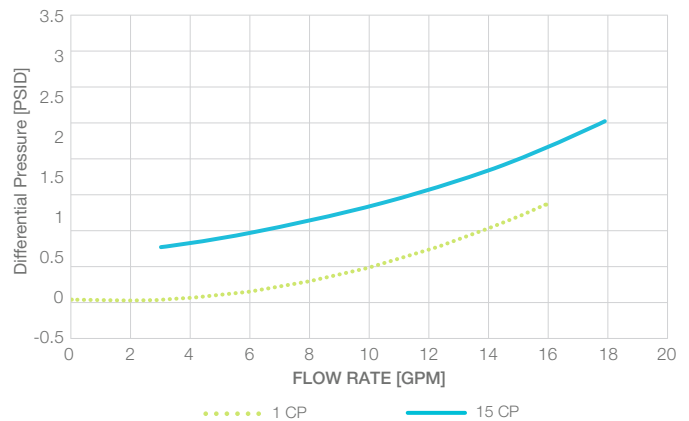
Made with 70% recycled fibers, and without environmentally-harmful resin, the **ECO-RBU** supports the Energy and Chemical industry's focus on ESG without forfeiting performance.

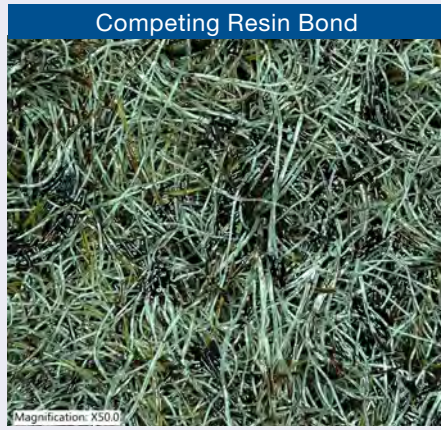
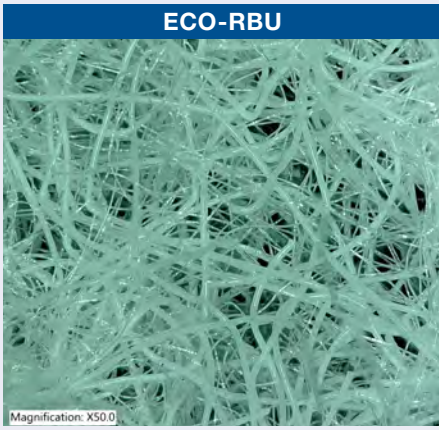
The **ECO-RBU** offers 100% improvement on open matrix/void space compared to outdated resin bonded technology and 15% greater open area (void space) resulting in lower dP and longer life while maintaining a consistent and repeatable efficiency. Further, the **ECO-RBU** delivers more than a 30% increase in Dirt Holding Capacity (DHC) compared to traditional resin-bonded technology and similar depth filters.



ENHANCED CORE DESIGN MITIGATES MOVEMENT

FLOW CURVES | 1 CP / 15 CP





The 50x magnification images of two clean filters demonstrate how the **ECO-RBU** achieves such incredible open area (void space) improvements compared to traditional resin bonded filters.

ECO-RBU's resin-free design delivers additional advantages, such as lower dP and longer filter life with consistent and repeatable efficiency, with greater than 30% DHC.

Specifications

Products	Specifications	ECO-RBU	
	Diameter	OD 2.5" // ID 1.35"	
	Nominal Lengths	10", 20", 30", 40"	
	Media Type	Polyester	
	Gasket	N/A	
	Micron Range	5 - 125	
	End Cap Style	Double Open End (Standard)	
	Cores	Tinned Steel Core / Stainless Steel	
	Temperature	240 °F (115 °C)	
	Recommended changeout dP	50 psid	
	Maximum dP	75 psid	
	Common Applications	Glycol, Condensate, Water, High Temp Solvents, Waste-water Streams, Asphalt, Bunker fuels, Grease, Sealants, Aminos, Alkyds, Waxes, Silicone, Antifreeze, Epoxies, Pesticides, Process Fluids, Paints & Inks, Coatings, Resins	

Other configurations, micron ratings and options available. **Contact your distributor to discuss your unique needs.**

Nomenclature

JRBU — **25** — **29** — **75** — **SS**

Series Diameter Length Micron Rating Special Designators

Code		Code		Code		Code		Code		Code	
OD		IN.	mm	Micron		Description					
25	2.5 in	09	9 ¾	248	05	5µ	Blank	Tinned Steel Core			
		10	10	254	10	10µ	S1	Closed end with Spring			
		19	19 ½	495	25	25µ	X	Crimped Extension			
		20	20	508	50	50µ	SS	Stainless Steel Core			
		29	29 ¼	743	75	75µ					
		30	30	762	100	100µ					
		39	39	991	125	125µ					
		40	40	1016							

Length	Box Quantity
10"	30
20"	15
30"	15
40"	15

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.

