

DI Color Changing MIXED BED RESIN CARTRIDGE

DESCRIPTION

A high quality resin mixture for direct purification of water. The residuals produce average conductivity values of about 0.1us/cm for a major portion of the service run which may be extended depending up on the final acceptable water quality.

UPC

810957012427

APPEARANCE

- Clear cylinder housing with one white connection port on each end. Green resin visible through the cylinder.

SIZE & WEIGHT

DISPLAY PACKAGING

- 3.0 in. OD x 12.50 in. length / 7.62 cm OD x 31.75 cm length
- 1.0 lbs. / 0.453 kg

PRODUCT

- 2.5 in. OD x 12.25 in. length / 6.35 cm OD x 31.12 cm length
- 0.95 lbs. / 0.431 kg

PACKAGING

- Cartridge with Label

RESIN PHYSICAL AND CHEMICAL CHARACTERISTICS

	UNITS	OH - FORM	H + FORM
Polymer Matrix Structure	-	Gel PolyStyrene Crosslinked with DVB	
Functional Group	-	Quaternary Amine	Sulfonic Acid
Volume Ratio	-	1.5 parts PA101	1.0 part PC003
Total Exchange Capacity, min.	eq/l	1.15	1.9
Water Retention Capacity	%	53-60	45-50

PARTICLE SIZE DISTRIBUTION			
>1.25 mm max.	%	5	5
<0.40 mm, max	%	2	2
Whole Bead Count, min.	%	95	95
Moisture Content as shipped, max.	%	65	
pH Range, Stability	-	0-14	
Operating Temperature			
Non-regenerative bed	-	100°C (212°F) max.	
Regenerative bed		60°C (140°F) max.	
Ionic conversion, min.	%	90	99

MIXED BED RESIN CARTRIDGE



INCLUDES CLIPS FOR MOUNTING TO AQUATIC LIFE RO BUDDIE



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FEATURES

- Cation and Anion resins (H+ and OH-) remove the remaining total dissolved solids (TDS) from membrane-filtered water
- Cartridge is refillable to allow for easy customization of water treatment
- 1/4" tubing easily attaches to the press-fit connections on each end of the cartridge
- The resin changes color when the media is exhausted

ORIGINAL COLOR	EXHAUSTED COLOR
IF GREEN	THEN BLUE
IF BLUE	THEN BROWN