

TECHNICAL DATA SHEET



AXIPURE





AXIPURE-1100 IV-Acid Washed

High-purity acid-washed coconut shell based granular activated carbon designed for potable water and food grade applications.

Acid washing lowers soluble mineral content (ash) and stabilizes pH, delivering clean start-up and consistent, low-turbidity effluent.

Features & Benefits



Highly microporous structure efficient removal of taste & odor compounds and trace organics



Low ash content and controlled pH after acid washing ideal for potable water and food & beverage applications



Produced from sustainable coconut shell raw material



High hardness and low dust minimal pressure drop and long service life



Excellent adsorption capacity high iodine number and strong CTC performance

PARAMETER	TEST METHOD	UNIT	SPECIFICATION
Iodine value*	ASTM D4607	mg/g	>1100
CTC [as calculated*]	ASTM D5742	%	>60
Apparent Density	ASTM D2854	g/L	460
Moisture Content	ASTM D2867	%	<5
Ash Content	ASTM D2866	%	<2
Hardness (%)	ASTMD3802	%	>98
pH*	ASTM D3838		5-8

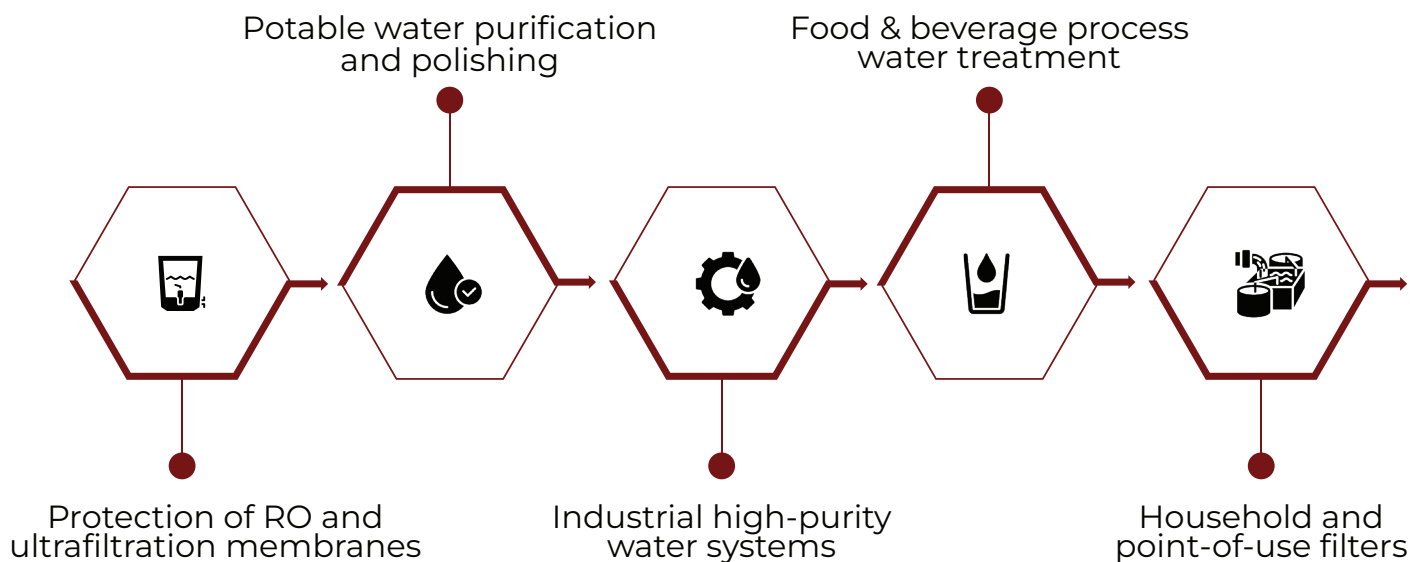


Available Products

- | | |
|---|---|
| 01 AP-1100-8x16-A [2.36 – 1.18 mm] | 02 AP-1100-8x30-A [2.36 – 0.60 mm] |
| 03 AP-1100-12x30-A [1.70 – 0.60 mm] | 04 AP-1100-12x40-A [1.70 – 0.425 mm] |
| 05 AP-1100-18x40-A [1.00 – 0.425 mm] | 06 AP-1100-20x50-A [0.85 – 0.30 mm] |

“Other Sizes considered on request”

Applications





Certifications & Compliance



NSF/ANSI 42 & 61 Certified



ISO 14001:2015
Environmental Management



ISO 45001:2018
Occupational Health & Safety



ISO 9001:2015
Quality Management



HALAL Certified
Jamiat Ulama-i-Hind



KOSHER Certified
JK Kosher

Packaging



Bulk bag



25 kg Bag

"Products can be customized for specific requirements in terms of pH, Iodine Number or CTC
Custom packaging can be arranged based on customer requirement"