



ABSO

# ASP Type

## Major Applications

Fluid Clarification for foods and beverages

Beer, Wine, Distilled spirits,  
Japanese Sake, Tea-based beverages,  
Syrup, Flavor and Fragrance

### Quality standards

- Adaptable Food Sanitation Standard  
• FDA 21 CFR
- Traceability by lot number

### Features

- Cellulose depth media filled with perlite
- Wide filtration area

### Advantages

- Efficiently remove bacteria and colloidal substances
- Long service life in fluid with high turbidity
- Eliminate the trouble of pre-coating filter aids and cleaning in the opposite direction.
- Could handle high flow rate and large throughput.

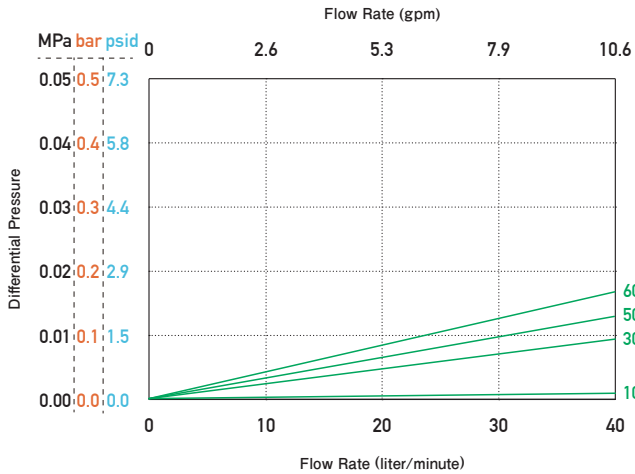
## Specifications

		10	30	50	60
Materials	Grades				
	E.F.A.			1.58m <sup>2</sup>	
	Media			Cellulose, Perlite	
	Core			Polypropylene	
	Spacer / Ring			Polypropylene	
	Maximum ΔP		0.49MPa at 20°C (71psi at 68°F)		
	Maximum Operating Temp		80°C (176°F)		
Dimensions	Length		275.0mm		
	O.D.		284.0mm		
	I. D.		51.0mm		

\*If you need further information on specifications (length, end cap type, etc.), please contact us.

## Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 16Cells



## Sterilization performance

Grades	Biological Indicator	LRV*
30	<i>Lactobacillus brevis</i>	5
50	<i>Lactobacillus brevis</i>	>6
60	<i>Lactobacillus brevis</i>	>6

\*LRV represents Log Reduction Value (Refer to JIS K3835)

\*Challenge bacteria count is more than  $1 \times 10^6$  CFU/cm<sup>2</sup>.

## Particle Removal Efficiency

Grades Particle Size (µm)	Particle Removal Efficiency (%)			
	10	30	50	60
0.5				>98
0.8			>98	>99.9
1.0		>98	>99.9	
2.0		>99.9		
3.0				
5.0	>98			
10	>99.9			

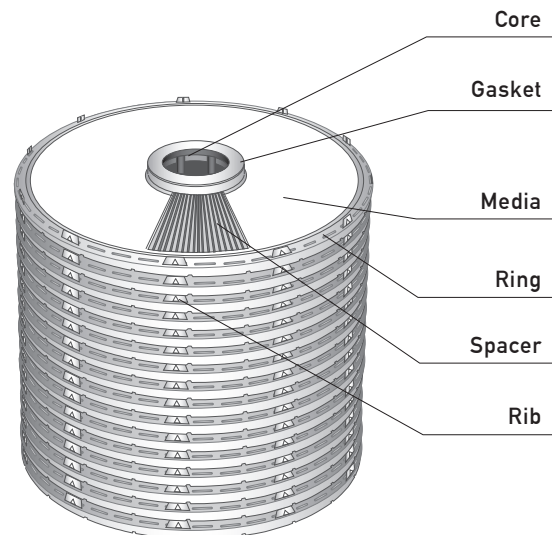
### Test Conditions

Equipment : Particle Counter in Liquid  
 Filtration : Single Pass  
 Fluid : Refined Water  
 Flow Rate : 43.5 liter/minute (per m<sup>2</sup>)  
 Dust : ALUMINA+BOEHMITE (ASP-60~30)、  
 ACFTD+LATEX Beads (ASP-10)

## Ordering Information

Numbers of Cells	Product Type	Grades	Gasket
<b>16C</b>	<b>-ASP-</b>	<b>50</b>	<b>S</b>
▼		▼	▼
16 Cells		10 30 50 60	Silicone

## Materials of Construction



\*The contents of the catalog are subject to change without notice.

\*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

**ROKI GROUP International Pte. Ltd.**

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan

TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

[www.rokiglobal.com](http://www.rokiglobal.com)

Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope

Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



JQA-QMA16323

MS CM009

16th Issue  
ASP210329LE