



CAP can be used in both liquid and air applications where nominal or absolute retention is required or pre-filtration to remove extremely fine particles desires to protect final filter.

Economical for expensive liquids filtration.

Compact and optimized cartridge design.

Manufacture in Class 10K clean room environment to ensure cleanliness.

100% integrity tested for all membrane filters.

Thermally bonded technique without adhesives, binders and surfactants eliminate extractable.

All parts and supporting layers are made of pure FDA approved Silicone-Free Non Foaming Polypropylene for contact with Food and beverage.

Equipped with 2 ports for venting and draining.

Suitable for use in both liquid and air filtration.

Wide range of chemical compatibility.

A guarantee quality product (ISO 9001 certified).

DESCRIPTIONS

CAP cartridges are a high precision pleated filters designed for small flow and point-of-use applications.

CAP cartridges available in wide range of media materials, micron ratings and end configurations to suit your filtration needs.

TECHINICAL SPECIFICATION

DESCRIPTION		TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	TYPE F	
Dimension (mm)	Nominal Length	66	90	46	165	46	66	
	Outer Diameter	75	67	65	75	65	75	
	Connection	1/4" MNPT	1/4" MNPT	3/8" Hose barb	1/2" MNPT	3/8" MNPT	3/8" Quick Connector	
Materials	Media (Micron)	PES	= 0.04, 0.1, 0.2, 0.45, 0.65, 0.8 and 1.2 um					
		PTFE	= 0.05, 0.1, 0.2, 0.45, 0.7 and 1.0 um					
		PVDF	= 0.1, 0.2, 0.45 and 0.6 um.					
		APM	= 0.1 and 0.2 um					
NY		= 0.1, 0.2, 0.45 and 0.65 um						
FGP		= 0.2, 0.45, 1, 3, 5, 10, 25 and 50 um						
AP	= 0.1, 0.2, 0.3, 0.45, 0.65, 0.8, 1, 3, 5, 10, 20 & 50 um							
	Support Layer	FDA approved Silicone-free non foaming Pure Polypropylene micro-fiber.						
	Cage Material	High Strength Pure Polypropylene						
Operating Conditions	Max. Oper. Temperature	65 – 80 °C (Depends on part, O-Ring and media materials).						

ORDERING GUIDE

KAREI-CAP-(MEDIA)-(MICRON)-(TYPE)

EXAMPLE:

- 1) KAREI-CAP-PES-01-D (CAP, PES, 0.1 um, Type D, 165mm length, 75mm OD, 1/2" MNPT).
- 2) KAREI-CAP-AP-04-F (CAP, AP, 0.45 um, Type F, 66mm length, 75mm OD, 3/8" Quick Connector).

Note: We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the applications. Users are advised to make their own testing under actual condition to determine the safety and suitability of each product or product combination for their own purposes and applications. Buyers and users assume all responsibility for liability performance or damage. We reserve the entire right to modify the information without prior notice due to continuous R & D.