



The JPMA Series elements are high particulate holding, highly efficient, liquid filtration elements specifically designed for applications with abnormally high amounts of solid contaminant. They are available in various grades of high performance cotton media with hardware fully customizable to suit your application. The diameter, high surface area and pleated cartridges are designed to improve on old cotton media technologies such as string wound and rolled to provide the optimum combination of particle removal efficiency and contaminant holding capability.

The JPMA series is a pleated style technology supported with an option for metal or polymer end caps attached to the filtering media to prevent any possibility of by-pass. Various options in outer cartridge encasements are also made available to protect the pleat integrity assuring even flow and contaminant distribution across the effective area of the element.

Specifications

Standard Micron Ratings	2, 5, 10, 15, 20, 25, 40
Sizes	2.5ö, 3ö, 4ö, 4.5ö, 5.0ö, 6ö, 6.5ö
Length	10ö to 60ö
Max Temp	180° F

JPMA cartridges are designed for use in the most challenging liquid applications where efficiency and extended cartridge life are a requirement.

The most common applications for the JPMA:

Sulfinol	Amines
Chemical Plants	Refined Products
Pipeline Fuels	Process Water



JPMA series elements

Materials

Media:	Engineered Cotton
Support:	Polymer Netting, Carbon Steel Stainless Steel,
Core:	Polymer
End Caps:	Polymer, Carbon Steel Stainless Steel
Gaskets:	Buna-N, Viton, Teflon®

** Custom and Specialty replacements available*



The primary focus of the JPMA design is to provide a guaranteed efficiency with a fixed pore pleated media without compromising the element service life. In order to achieve this combination we select filtration media with exceptional contaminant holding properties, but comparatively low flow resistance. With a fixed media pore size, there is a safeguard against media migration seen in other un-bonded or woven type cotton medias.

In addition to being economical in service life, the JPMA product line is operator friendly. The addition of a gasket on the element helps guarantee a seal versus the other industry type seals of filtering media strait to the riser element seal in the vessel. Due to this sealing design, bypass to clean side of process stream is greatly reduced.

If your process has these or similar requirements, contact **Jonell** today.

Advantages

- Lower differential pressures
- Higher solids holding
- No media migration
- Higher range of efficiencies available
- Longer operating life
- Improved sealing arrangement

JPMA	size	mod #1	mod #2
Jonell Pleated Cotton	Size 2540 336 4240 540 644		316 ss PT

** For Specialty or Custom Engineered Products and Solutions... Consult Factory*



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For questions about filtration applications, replacement needs or help troubleshooting process and filtration issues contact an approved JONELL representative.