

JPMC 40256-0.3-SS
Gas/Liquid Coalescing Cartridges

JONELL JPMC 40256 series dry gas filter cartridges are high efficiency filter elements specifically designed for the removal of solid particulate contaminants in critical applications. They are available in various grades of absolute rated high performance medias with hardware customizable to suit your application. These large surface area pleated resin bonded cellulose media cartridges are completely customizable and designed to provide the optimum combination of particle removal efficiency and contaminant holding capability.

The JONELL Model JPMC 40256-0.3-SS is supported with robust 304 stainless steel end caps and stainless steel components. The filtering media is then attached to the end caps and core via a highly resistant adhesive to prevent any possibility of by-pass. Stainless steel outer cartridge encasements are designed to protect the pleat integrity in order to assure even flow and contaminant distribution across the effective surface area of the filter cartridge.



JPMC 40256-0.3-SS Filter Cartridges

BENEFITS

The primary focus of the JPMC 40256-0.3-SS design is to provide highly rated efficiencies (to beta 1000) 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. By lowering saturated pressure drop this coalescing cartridge effectively reduce operating cost.

Our wide array of fixed pore resin bonded cellulose medias are specifically designed for the removal of solid particulate from a air or gas stream while maintaining cartridge structural integrity under extremely high air/gas flux rates.

In addition to being economical in service life, the JPMC 40256-0.3-SS is operator friendly. Sealing gasket design as well as the easy lift cartridge handle allow for quick and easy spent cartridge replacement in the field.

By reducing time in a shut down state and reducing operational costs, the benefits of the JPMC 40256-0.3-SS high efficiency dry gas solid contaminant removal cartridge equates to total equipment and process protection.

APPLICATIONS

The following are among the most common applications where the Jonell JPMC 40256-0.3-SS can be found.

- » Heavy De-sanding applications
- » Gas processing facilities
- » City Gates turbine meter protection
- » Lo Nox burner tip protection
- » Formation protection during gas flooding
- » Iron Sulfide Revival
- » Downstream of a catalyst bed
- » General fine solids removal in critical air and gas related applications

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MATERIALS OF CONSTRUCTION (Specific to JPMC 40256-0.3-SS Model)

| Component | 304 Stainless | Micro Glass | Resin Bonded Cellulose | Needled Polyester | Nylon | Buna N |
|---------------|---------------|-------------|------------------------|-------------------|-------|--------|
| Pleated Media | | | X | | | |
| Outer Support | X | | | | | |
| End Caps | X | | | | | |
| Center Core | X | | | | | |
| Gaskets | | | | | | X |

SPECIFICATION

| | |
|------------------|--------------|
| Length | 39.19 inches |
| Outside Diameter | 6.00 inches |
| Inside Diameter | 4.00 inches |

PERFORMANCE

| | |
|----------------------------------|------------|
| Standard Micron Rating | 0.3 μ |
| Recommended Initial DP | < 0.5 psid |
| Recommended Change-Out DP | 15 psid |
| Maximum Suggested Operating Life | 1 year |
| Minimum Operating Temperature | - 60° F |
| Maximum Operating Temperature | 260° F |
| Burst Pressure | > 75 psid |

Above dimensions are nominal

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