

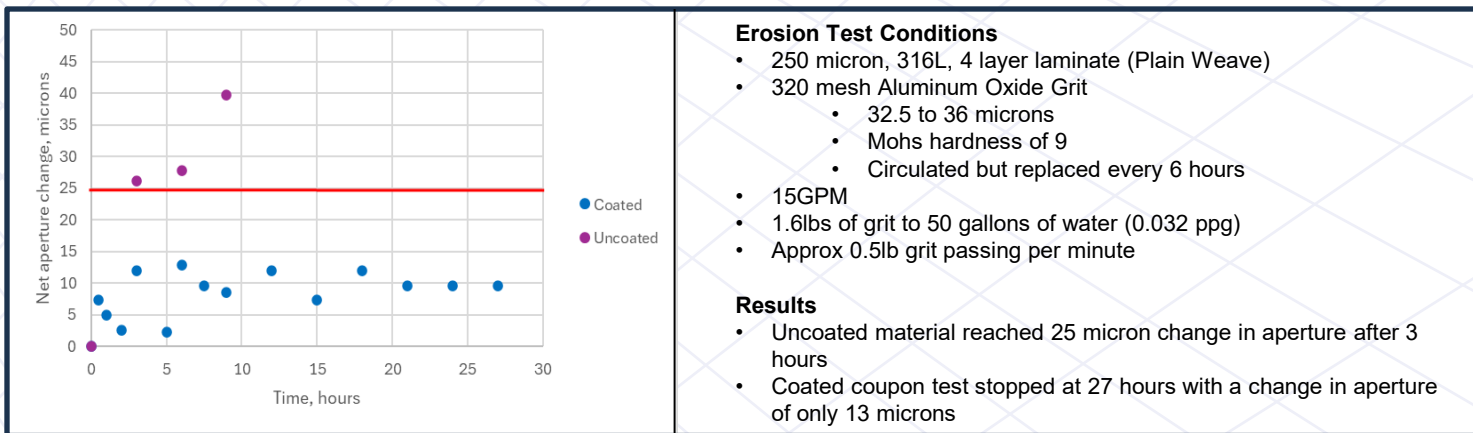


SINTERPORE® HD

EROSION RESISTANT SCREEN CARTRIDGES

PMF's **SINTERPORE® HD** is a heavy-duty sintered sand control screen cartridge engineered for exceptional erosion resistance. Its advanced design features multiple layers of woven metal mesh that are diffusion bonded into a single, monolithic structure—delivering superior strength and durability for the most demanding downhole environments.

SINTERPORE® HD cartridges are purpose-built for both standalone and gravel pack applications, whether in open-hole or cased-hole completions. PMF's precision-engineered screen designs are tailored to meet the unique requirements of your application and well conditions.



FEATURES AND BENEFITS:

- **Monolithic Strength:** Diffusion-bonded (sintered) construction creates a single, robust structure with fixed pore geometry for reliable performance
- **Enhanced Erosion Resistance:** Advanced coating technology delivers up to 8x greater erosion resistance compared to conventional screens with average coating thickness of 18 microns resulting in minimal impact on pore size
- **High Permeability:** Offers significantly higher maximum permeability than other screen types, ensuring optimal flow rates
- **Precision Filtration:** Multi-layer woven metal mesh laminates provide accurate filtration, uniform flow distribution, and excellent mechanical strength
- **Corrosion Resistance:** Fully annealed alloys deliver superior protection in corrosive environments
- **Customizable Filtration:** Standard micron ratings range from 60 µm to 1,000 µm, with custom options available upon request
- **Material Options:** Available in standard alloys including 316L stainless steel and Alloy 20.
- **Flexible Design:** Offered in 2 to 4-layer configurations based on application requirements.

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