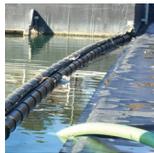


JPS Baffle Curtains

The Best Baffle Curtains on the Planet!



JPS Baffles are custom built for industrial and municipal applications using the most durable materials and construction techniques available. While both applications are designed to similar specifications, JPS Industrial Baffles are engineered with reinforcing nylon straps to withstand severe and extreme environments. JPS Baffles are known for their durability due to the materials used, craftsmanship and time tested quality built into the design, construction and installation of every JPS Baffle Curtain. We are proud to call them the best baffle curtains in the world!



Innovation & Quality

JPS products are engineered systems, custom-designed and precision-manufactured - specific to each application and environment. Installed in the most demanding municipal and industrial processes, many JPS Baffles and other products continue in service more than 20 years later. Industries served by JPS include: Pulp and paper, food processing, chemical manufacturing, oil storage and transport, power generation and more along with many municipal installations.



Materials

JPS has pushed the limits of many materials for decades, with one thought in mind – “How can we make a stronger baffle and make it last longer?” Today, JPS Baffles are hand constructed using the strongest nylon scrim available, with rip stops every 5th filament of the material scrim to help prevent tearing. Our anchor system is cast concrete blocks along with a minimum ballast of 5/16-inch galvanized steel chain sewn directly into a special hem in the bottom of each baffle section. Special nylon straps, which maintain a tensile strength between 12,000 lb. and 20,000 lb., are sewn into the sides, tops and bottoms of all sections. All hardware is 304 stainless steel. Definitely ready to take a beating.



Construction

All structural components of JPS Baffles are manufactured using nylon materials to maintain a uniform rate of linear expansion which helps to eliminate friction. Stress is evenly absorbed throughout the structure; a claim no other manufacturer can make. This is largely due to the construction techniques utilized when building each baffle section. For example, strength and flexibility is added to seams and hems by sewing them together using silicone-treated nylon thread and reinforcing specific areas as recommended by the hydrodynamic model. It is this careful attention to detail and uniformity that insures JPS Baffle Curtains will have minimal wear and tear and a long life in each application.



Custom-Fit

Developing JPS baffles to fit each individual project requires engineering that is specific to each application including designing for seasonal environmental and weather conditions. Utilizing an onsite engineering study, JPS engineers can evaluate temperatures, flow magnitude and direction, dissolved oxygen and other factors to develop a lagoon profile and predictive model. The result is a digital 3D rendering of a hydrodynamic model of the lagoon. This model helps JPS engineers determine optimal flow patterns, construction requirements and predictable stress points where additional reinforcement may be required. Unlike “canned” baffle solutions, JPS baffles are customized for each application to maximize efficiency and longevity.



Turnkey Solution

For generations, JPS has worked to provide a complete solution. From plotting the exact contour of the basin of a lagoon to provide an exact fit, to engineering treatment efficiencies and recommending the layout of all components, to fabricating and manufacturing the baffle curtains to a precise fit – JPS pulls it all together with our turnkey installation. It is why JPS offers a full two-year warranty which can be extended to five years. Once installed, JPS can be called on for maintenance, review or modifications. We don't just sell baffle curtains; we engineer solutions that have helped JPS maintain 99% customer retention and satisfaction.



30 JPS Drive - Bristol, NH 03222
603-744-6400 Main
603-744-3700 Fax
info@jpsindustries.com

Contact your nearest
JPS Rep or request
specifications at:
www.jpsindustries.com

