

Halcyon Assembly™



Halcyon Assembly™ (Vortex Inhibitor or Plate) help to decrease the speed of a fast moving fluid and smooth it into a laminar flow instead of a turbulent flow, thus reducing wear and tear. These plates also help prevent cavitation (small liquid-free zones such as bubbles or voids) in the fluid. Cavitation can create dents, shock waves and imbalance in the moving parts. Once cavitation affects a surface it tends to erode at an accelerating rate. This makes the surface prone to stress corrosion. Manufactured in stainless steel, galvanized, and PE 100:

- Main advantages/outstanding properties of PE100 black
- UV-resistance
- Flexibility
- Favorable transportation: strong like steel but much lighter (low specific weight of app. 0,96g/cm³)
- Very good chemical resistance
- Weathering resistance
- Good weld-ability
- Very good abrasion resistance
- No deposits and no overgrowth possible: resistant to all kinds of microbe corrosion
- Freeze resistance
- Resistant to rodents

