

SOLVENT AND CAUSTIC COALESCER

Velcon Process' **Chemflo Solvent & Caustic Coalescer** with high performance nylon 66 media is designed to remove carried-over water and caustics from hydrocarbons. Common materials of construction used in coalescing elements are often not compatible with Aromatics. Velcon Process' proprietary nylon 66 coalescing media is designed specifically for aromatics and caustics.

Application

- Removal of Water from Aromatic Hydrocarbons
- Final Products
- Protection of Catalysts and Packing
- Removal of Carried-Over Caustic from Caustic Treating

Performance

- Absolute Micron Rating: 3µm
- Nominal Micron Rating: 0.8µm
- Water Removal Efficiency: 99% to 99.9%
- 100% Removal of Solids and Liquids Larger Than 3µm

Specification

- Max. Temperature:** 200 °F
- Initial Pressure Drop:** Lower than 2 psid
- Recommended Changeout:** 15 psid
- Inlet Water Concentration:** up to 3% water (30,000 ppm)
- Length:
 - **TB:** 56 in., nominal
 - **LC:** 40 in., nominal
- Outside Diameter:
 - **TB:** 6 in., nominal
 - **LC:** 38.75 in., nominal
- Core:** Carbon Steel
- End Caps:
 - Caustic Coalescer
 - TB:** Nylon 66, Threaded Base, Single Open-End Configuration
 - LC:** Stainless Steel Single Open-End
- Media:** High Performance Pleated Nylon 66 Media

