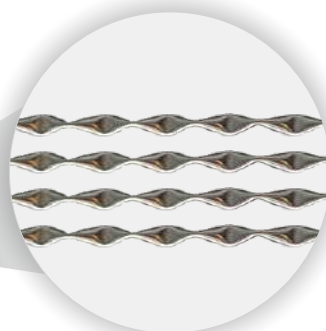
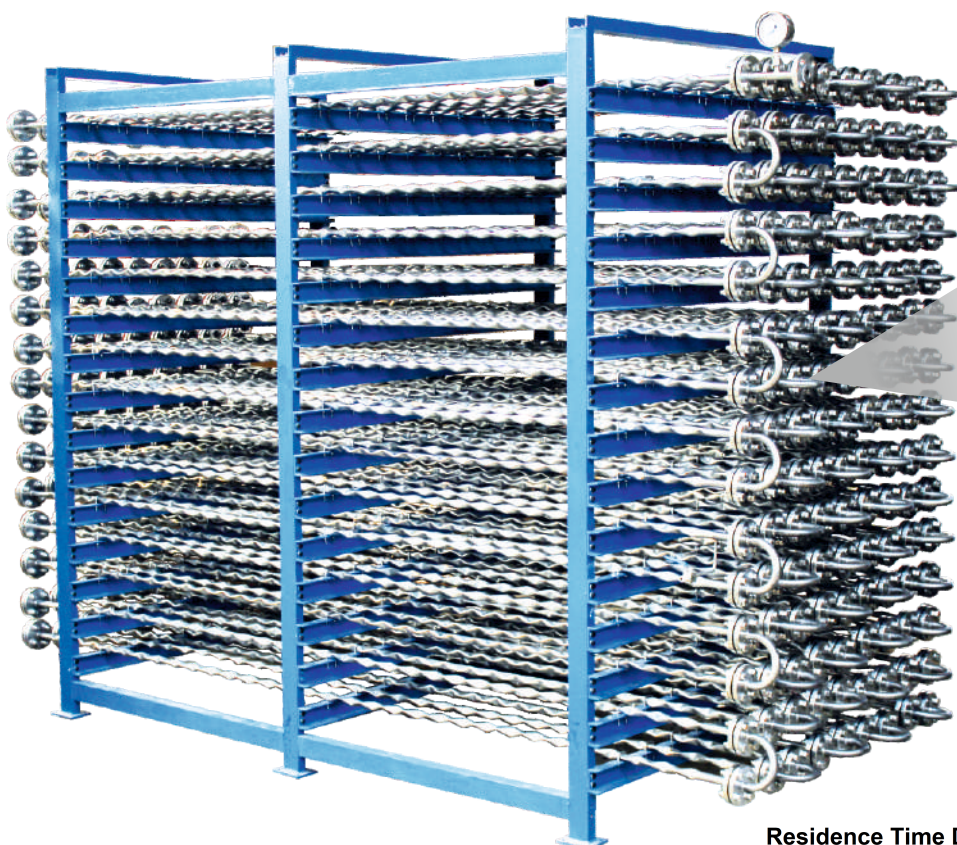



PinchFLO™ Reactor

The PinchFLO™ tubular reactor is ideal for liquid-liquid, gas-liquid exothermic reactions with high throughput at commercial scale

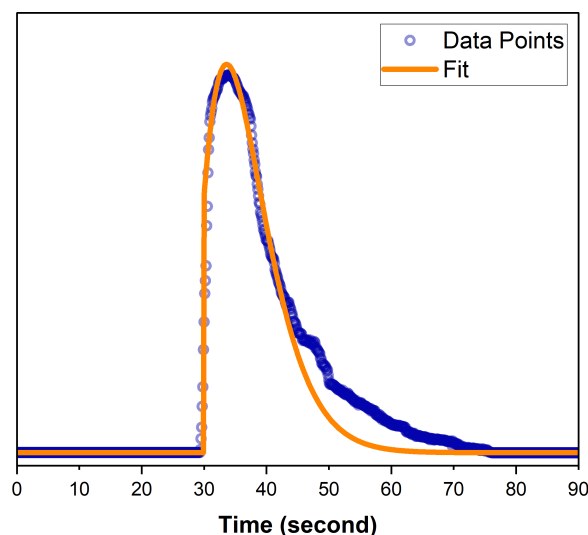


- **Volume:** 50mL to 1000L
- **Flow rates:** Up to 10000 LPH
- **Pressure:** Up to 100 bar
- **Temperature:** -50°C to 350°C
- **Material:** SS316, Hastelloy C, etc
- Double pipe, shell-and-tube jacket designs
- Patented design licenced from  Pune.

APPLICATIONS

- Nitrations, Oxidations, Organometallic chemistries, Sulfonations, Diazaotizations, Liquid-Liquid extractions, etc.

Residence Time Distribution for PinchFLO™ Reactor



The reactor offers a narrow residence time distribution and superior mixing, outperforming traditional plain tubes

PRESSURE and FLOW Reactors