



PRODUCT LINE CARD

BY FLOKINETICS, INC.

INDUSTRY APPLICATIONS

- REFINERY
- OIL & GAS
- WATER
- MINING
- PUMP
- POWER
- MARINE
- HVAC
- FOOD
- OFFSHORE
- CHEMICAL
- NUCLEAR
- AUTOMOTIVE
- UTILITIES
- PIPING DESIGN
- AEROSPACE
- FIRE PROTECTION
- TURBOMACHINERY

PROVEN FLUID HANDLING & FLOW CONDITIONING SOLUTIONS



FITTINGS

Concentric Reducers
Spool Pieces
Elbows/Bends
Eccentric Reducers
Custom Fittings
Transition Pieces
Tees
Reducing Tees
Straight Pipe Tees
Cross Pipe Tees
Reducing Crosses

FLANGES

ANSI Flanges
ASME Flanges
AWWA Flanges
Pipe Flanges
Custom Engineered
Blind
Lap Joint
Slip-on
Weld Neck
Flange Bolts
Threaded
Socketweld
Orifice
API Flanges (5000#-10,000#)
Long Weld Necks, Heavy & Equal Barrel, 1, 2 & 3
150# / 300# / 600# / 900# / 1500# / 2500#

PIPE & PIPE SUPPORTS

Large Variety of Material, Specs & Grades
Pipe Hanger Design & Engineering
Structural Attachments
P&ID Development

VALVES

Gate Valve
Globe Valve
Check (Swing, Lift, Wafer, Disc)
Safety Relief Valve
Diaphragm Valve
Bellow Seal
Butterfly (Wafer, Lug, Flanged, Mono-Flanged, High Performance)
Ball Valve
Back Flow Preventer
Hydrant Valve
Pressure Reducing Valve
Oilfield Valve
Relief Valve
Actuation
Regulators
Steam Trap
Strainers (Y-Type, Bucket and Duplex)
Instrumentation
Flanged / Socketweld / Threaded

ENGINEERING SERVICES

Computational Fluid Dynamics (CFD)
ANSYS (Fluent, CFX, Polyflow, Chemkin-Pro, VistaTF, Turbogrid, etc.)
Finite Element Analysis (FEA)
Fluid Structural Interaction (FSI)
Static & Dynamic Structural Finite Element
Fluid Flow Dynamic Analysis, Viscous Effects
Thermodynamics
Combustion Cycle Analysis
Heat Transfer & System Heat Balance
Pipe Stress Analysis
Field Services & Troubleshooting
Non Destructive Examination

PRECISION MANUFACTURING IN THE USA



FLO-TK™ Flow Straightening Vanes

FLO-TK™ Flow Conditioners address the fluid turbulence problems found in a wide range of piping & processing applications. By installing a FLO-TK™ elbow-induced turbulence is eliminated and the flow exits with a uniform increased velocity flow profile.



COMMITTED TO INNOVATIVE SOLUTIONS

We are a highly specialized design engineering firm and manufacturer located in Northern and Southern California. Our reputation and success is built on providing custom reliable solutions with full in-house capabilities. We are committed to solving industry problems utilizing our patented and proprietary products, highly experienced engineers and advanced manufacturing methods.