



Reasons To Use Stainless Steel Products

- **Cleanliness** Is Maintained in the Product Being Transported.
- **Prevention of Contamination** of that Product From Small Particles or Rust & Scale.
- **Resists Corrosive Attack** From Hundreds of Industrial and Chemical Solutions or Mixtures.
- **Greater Strength at Elevated Temperatures.**
- **Cryogenic Service** (Superior Mechanical Properties at Sub-Zero Temperatures).
- **Retains Lustrous Appearance Indefinitely.**



Characteristics of Stainless Steel Products



- Most All Process Piping Applications Are Determined by Engineering on a Specific Job or Situation.
- Engineering Determines the Type of Product Being Transported in the System Combined With Pressure Ratings, Temperature of Material and Line Pressure.
- With This Information, Engineering Will Determine the Bill of Material Requirements for the Specific Job or Situation.
- Primary Day to Day Requirements will Utilize Either 304 or 316 Material (Garden Variety).
- All 300 Series Stainless PVF Products are Furnished as Dual Certified (Combined Physical Strength Requirements of Straight Grade-Tensile 75,000 Min, Yield 30,000 Min. with Chemical Requirements of Low-Carbon – Less than .035% Carbon Content/Higher Nickel Content) with the Exception of Items Produced From Secondary Metal (150 LB Fittings & Valves).
- Demand (and Supply) for Stainless Steel PVF Continues to Increase Worldwide.

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