BENEFITS OF STAINLESS STEEL CONDUIT SYSTEMS

VS.

PVC COATED

• Stainless steel, of ALL UL approved corrosion-resistant conduit systems, is the safest & most economical conduit material for year after year dependability.

• Stainless steel conduit is the proven anti-corrosion leader where corrosive products are processed and where maintenance or washdown procedures require damaging heat or harsh chemicals.

• The clear choice is to specify stainless steel conduit systems in all food processing environments, water & wastewater treatment facilities, petrochemical & refining facilities, pulp & paper production, mining, and anywhere that corrosive situations call for superior strength, resistance, durability, or cleanability.

• PVC’s toxicity makes it unsuitable for use near many food and potable water processes.

• If the PVC Coating is damaged during installation, even slightly, it will cause the galvanized conduit to be exposed directly to the corrosive environment. This can cause internal corrosion, & may cause deterioration without notice, and you can be left with just the coating.

• SIMPLE INSTALLATION - Stainless steel requires NO special tools for installation, unlike PVC Coated.

• NO post installation repairs, unlike PVC Coated

• Up to 90% of all stainless steel material in a typical installation can be recycled – PVC-Coated conduit is not considered recyclable.
• Stainless steel is used world-wide to meet high demands for cleanliness & safety.

• Stainless steel resists corrosion. Even when scratched the exposed metal “self-heals”, oxidizing over the abrasion to protect against further corrosion. Both 304 & 316 stainless alloys furnish excellent resistance to a wide range of corrosives, at extreme temperatures, and in most atmospheric and industrial environments.

• Unlike PVC-Coated Products, stainless steel does not burn and emit dangerous smoke & carcinogens.

• LONG TERM VALUE – Due to is toughness & LOWER MAINTENANCE COST, the total life cycle cost of stainless steel conduit and fittings is often the best value over other UL approved materials. Properly installed stainless steel remains effective against corrosion for up to fifty years.

• UL listed, full NEC Code Compliance, install it once – job done, reduces downtime for MRO, no wash down degradation, superior impact resistance, no post installation repairs, meets or exceeds all published HAACP & FDA standards through 2010.