Thermoplastic Industrial Piping Systems (TIPS) PLC Myth vs. Fact

Myth #1: Solvent cemented systems cannot be used for “green” or sustainable building products.

Fact: USGBC’s LEED programs require the use of low VOC solvent cements in order to obtain the credit point. Low-VOC solvent cements complying with SCAQMD Rule 1168 are commercially available. Solvent cemented piping systems, like ABS, PVC and CPVC each find uses in sustainable piping systems such as gray water, subsurface irrigation, radon venting, rainwater catchment, and higher efficiency hot water distribution.

Myth #2: TIPS Products are not good for long term use.

Fact: TIPS Products have a demonstrated extended service life in several industrial applications such as Chemical Processing, Chloralkali, and water treatment.

Myth #3: TIPS products are not environmentally friendly.

Fact: TIPS products offer many environmental advantages to traditional metallic products as proven through several Life Cycle Assessments and are used for many applications in LEED approved buildings.

Myth #4: TIPS products are not recyclable.

Fact: All TIPS products can be readily recycled.

Myth #5: TIPS materials are difficult to install.

Fact: TIPS materials can generally be installed faster, easier, and more reliably than competing materials.

Myth #6: TIPS materials cannot be used in aggressive environments.

Fact: TIPS materials are successfully handling a wide variety of chemicals including acids, bases, solvents, and very aggressive chemicals such as chlorine.

Myth #7: TIPS materials can contaminate water.

Fact: TIPS materials are generally inert, and some products intended for use in potable water systems are listed to the health effects requirements defined in NSF/ANSI 61 and the lead content requirements of the U.S. Safe Drinking Water Act.

Myth #8: TIPS materials are not suitable for heavy industrial applications.

Fact: TIPS materials are widely used in applications in chemical plants, mining, water treatment and service as well as many residential applications.

Myth #9: TIPS materials are flammable.

Fact: Most TIPS materials do not support combustion and carry a UL V0 rating.