

Plastic Constructions & Installations

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Belgium
A.W. - Antwerpen
Agfa Gevaert - Melle
Alfa Laval - Borsbelle
Amec Spie - Brussel
AMI Semiconductor - Oudenaarde
AZ St-Jan - Brugge
BASF - Antwerp
Bayer - Gent (Fluor Daniel)
Bekaert - Hemiksem
Belgisch Leger - Poelkapelle
Benichim - Lessines
BIC Systems - Mouscron
Borealis - Kallo
BP Chembel - Geel
Caldic - Hemiksem
Ceria-Instituut - Brussels
Chemcopack - Antwerp
Chemogas - Grimbergen
Chemvlon Carbon - La Louviere
DBP Plastics - Wilrijk
DCM - Kortich
Degussa - Antwerp
Duroc - Wilrijk
Electrabel - Brussels
Eurodifol - Feluy
Fuji Hunt - St-Niklaas
FujiFilm Electronic Materials - Zwijndrecht
GE Betz - Herentals
GlaxoSmithKline - Rixensart
Hercules (Aqualon) - Doel
IMEC vzw - Leuven
Indaver - Doel
Ineos NV - Antwerp
Inspec Belgium NV - Antwerp
Interbrew - Leuven
Iso/Witco - Antwerp
ISVAG - Wilrijk
Janssen Pharmaceutica - Beerse
Kronos Europe - Gent
Labonorm - Kortrijk
MasterFoods - Olen
Metallo-Chimique - Beerse
Millipore - Brussel
Nippon Shokubai - Kallo
Noveon Europe - Oevel
Omnichem - Louvain-La-Neuve
Omnichem - Balen
Omnichem - Wetteren
Ontex - Buggenhout
Pall Belgium - Brussel
Pfizer Manufacturing - Puurs
Photovoltech - Tienen
Picanol - Ieper
PPG Industries Belgium NV - Antwerp
Praxair - Oevel
Prayon Rupel - Engis
Provion Fine Chemicals - Oostende
Robert Bosch - Tienen
Seghers Keppel Technology - Willebroek
Sidmar - Gent
Solvay - Brussel
Solvic - Antwerpen
Special Polymers Antwerp - Antwerp
Stad Antwerpen - Antwerp
Terumo - Haasrode
Total Raffinaderij - Antwerpen
Tropicana - Brugge
UCB - Gent
Ugine & ALZ - Genk
Umicore - Olen

France
Roquettes - Vic-sur-Aisne
Pall France - Paris

Germany
Coll - Brennburg

high purity plastic piping

Mention plastic pipes and most people picture the low cost, grey pipes connected to their swimming pool or aquarium.

In reality, many plastic valves are well-designed, rugged products that sometimes cost more than the metal valves they supplant. Wherever valves routinely fail due to corrosion, or when purity concerns require exotic alloys that are cost prohibitive in most cases, very high quality plastic valves are specified.

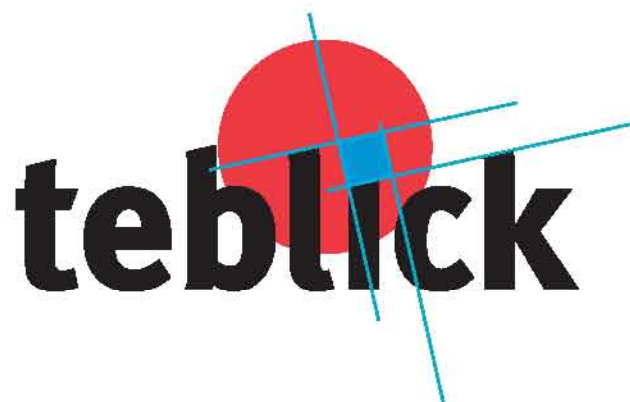
Plastic piping systems have a distinct advantage in applications with either highly corrosive or ultra pure liquid media. The high quality plastic valves used in corrosive chemical and ultra pure semiconductor manufacturing are technologically equal to the best metal valves.

In corrosive applications, plastic devices (valves, pumps,) are not prone to "stick" or fail due to rust, scaling, or other corrosive build up. Similarly, plastic piping provides the benefit of remaining smooth and free of build up, which means that flow rates and pressure drop will be unaffected after years of use. Externally, plastic valves resist attack by airborne corrosives, which eliminates the need for painting or special coatings.

In ultra-pure applications, certain plastics such as fluoropolymers (PVDF, PFA, ...) and natural unpigmented polypropylene are preferable for their non-leaching properties. They also are highly resistant to adherence and subsequent growth of organic impurities, which is a paramount concern in processes such as semiconductor fabrication.

For several years many companies that process or utilize high purity acids have settled upon the expertise of Teblick as a supplier of their ultra clean, chemically resistant, leak-free fluid delivery network.

Our skilled people offer a full range of services covering everything from technical know-how to use of these materials - from a simple PVC glued connection to high-quality IR and WNF welding techniques of PFA.



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