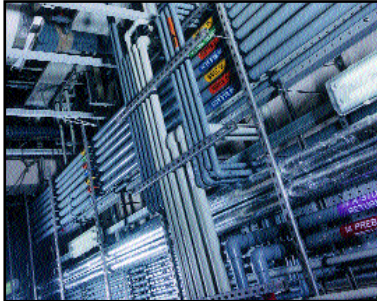


# Our products



The product range available from IPS gives the widest available choice of industrial thermoplastic piping systems from any single United Kingdom supplier. We offer an exhaustive range of materials, dimensions, pressure ratings and other choices. The products themselves can be broadly categorised as being suitable for a number of core industry sectors:



## Industrial piping systems

Plastics offer a cost-effective solution for a vast array of process pressure piping and drainage applications in a diversity of industries from nuclear power plants to swimming pool construction. Our systems are manufactured in highly chemical resistant materials including ABS, PVDF, ECTFE, Polypropylene, PVC-C, Polyethylene and PVC-U. Our product range features pipes and fittings in sizes from 6mm to 1400mm, manual and actuated valves, instrumentation and support systems.



## Double containment piping

Double contained systems offer extremely good corrosion and chemical resistance. Systems are available in all of our thermoplastic materials including PVC-U, Polypropylene, Polyethylene, PVC-C and PVDF. Flexible double containment piping is available for chemical dosing applications. In addition, it is possible to use clear PVC-U piping for the double containment of PFA and PVDF flexible tubing for chemical delivery systems such as those found in the semiconductor industry.



## Compressed air systems

Plastic compressed air piping eliminates corrosion and scaling, reduces leaks and as a result delivers significant energy savings to compressed air users. Manufactured from blue PE100 material, the system is lightweight, impact resistant and easy to install.



## Fire sprinkler systems

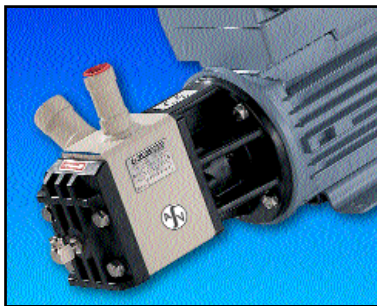
CPVC fire sprinkler piping is widely accepted as the preferred plastic material for wet sprinkler piping systems. Extensive testing and approvals from LPCB, UL and FM mean that security is assured. For more information visit [www.ips-blazemaster.com](http://www.ips-blazemaster.com)

# Our products



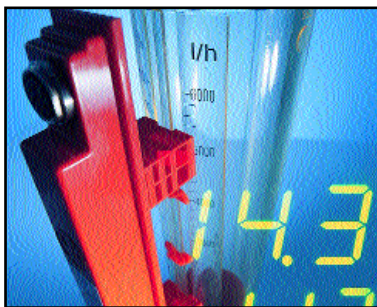
## High purity systems

Manufactured in a strictly controlled clean room environment, and using specially developed high purity resins in PVDF and Polypropylene materials, these specialist piping materials have exceptional purity, excellent temperature and pressure handling capabilities, as well as superior surface finish characteristics. The PURAD high purity range is one the most comprehensive that is currently available, and includes pipes, fittings, valves and welding equipment for both bead free and infra red (IR) welding processes to complete a high purity installation.



## Plastic bodied pumps

A plastic bodied pump is ideal for delivering corrosive liquids, giving years of trouble-free use. Manufactured in Polypropylene, Polyethylene and PVDF, the plastic pump body is mated with a reliable electric or magnetic drive in a variety of configurations, including centrifugal pumps, peripheral pumps, eccentric pumps, diaphragm pumps, and vertical sump pumps.



## Process measurement

Accurate flow measurement and control is a key part of process automation. Systems available range from simple visible indication such as variable area flowmeters to electronic paddlewheel sensors with remote transmitters and displays. All products are manufactured in corrosion resistant plastics for use in aggressive applications.



## Installation tools and equipment

A successful installation requires planning, the correct choice of materials, and the use of proprietary tools to assist with fabrication and jointing. Our extensive range of tools specially designed for cutting and preparing thermoplastic pipe includes both hand-held and powered tools that are available for sale and rental. We maintain an extensive fleet of fusion welding equipment for socket fusion jointing, butt-welding, electrofusion welding as well as the latest infra-red (IR) welding machinery. Our range also includes extrusion welders, hot air welding torches and other fabrication equipment.



## Engineering materials and semi-finished products

Thermoplastic sheets are suitable for fabrication by heat forming, welding and machining to create a wide range of special parts and components. In addition, established machining methods such as cutting, boring, drilling and threading, make it possible to create special parts from thermoplastic rods, sheets and bars. Our range includes a wide selection of semi-finished materials in sheets, rods, bars and machining shapes in thermoplastic materials that match our piping systems.