

what's new in the

Issue 25 June 2005

pipeline

Flowmeter Range Expanded

The latest edition of the IPS Handbook includes the complete range of Blue-White variable area flowmeters, providing process measurement solutions for both plastics and metal piping systems.

Blue-White has been producing high quality industrial products since 1957, and has evolved into a leading manufacturer of flowmeters, metering pumps and water treatment accessories. From two locations in California, USA, Blue-White manufactures a unique range of Variable Area Flowmeters that now form part of the IPS process measurement range.

Float materials are available in PVC-U, PTFE, Stainless Steel or Hastelloy C, as well as Sapphire, Glass, Ceramic and K Monel for small panel mounted or armoured glass tube flowmeters.

Blue-White variable area flowmeters are manufactured in a selection of corrosion resistant materials, including Acrylic, Polysulfone, PVC-U and Glass. They are available for both in-line and panel mounting, with connection sizes from 1/8" to 2". Many of the flowmeters can be calibrated and scaled for water or air. The wide choice of materials available ensures compatibility with metal or plastic piping and with flexible systems.

All flowmeters are supplied pre-calibrated at the Blue-White laboratory using the latest computer controlled technology.



To receive your copy of the IPS Handbook featuring our complete range of process measurement products, simply complete the fax reply form, or request online at: www.ips-plastics.com.

Custom Actuation Meets Tight Deadline

IPS has recently completed several custom actuated valve packages in time to meet strict deadlines for early completion.

Many of the plastic valves that are part of the wide IPS range can facilitate easy actuation using corrosion-resistant brackets and mounting platforms that fit directly to the valve body. During the past twelve months we have steadily increased our stock levels on valves that are pre-fitted with actuator mounting platforms so that electric or air operated actuators can be added quickly – meeting the urgent needs of our customers.

As part of our service we can also fit special controls, switches and signalling devices to suit most applications. This service is backed by the latest quality systems, and we specialise in providing complete documentation packages to provide complete product traceability.

For more information, contact Tony Welsh by phone or by email at twelsh@ips-plastics.com.



Valve pre-fitted ready for actuation



Valve Bracket



Actuator Platform



Flame Retardant Duct Systems for Corrosive Gases

A unique new range of piping materials is available for corrosive fume exhaust and duct systems.

Featuring excellent chemical resistance to most industrial acids, bases and solvents even at elevated temperatures, the AGRU PVDF Vent system also displays excellent abrasion and weathering resistance.

A wide range of pipe fittings is available to compliment the piping system, which makes for the easy assembly of complex piping configurations. Produced out of FM 4910 listed Solef PVDF raw material, the system has an excellent flammability rating of UL 94 -VO.

Corzan® CPVC duct systems are manufactured using Harvel Plastics FM 4910 approved piping. This material also has a flammability rating of UL 94 - VO, and can easily be fabricated using hot gas welding systems.

Both systems are lightweight and easy to install using standard assembly methods.

Technical Focus:

How to make good threaded joints on plastic piping

Making pressure-tight threaded joints in plastic piping systems is easy provided a few simple steps are followed.

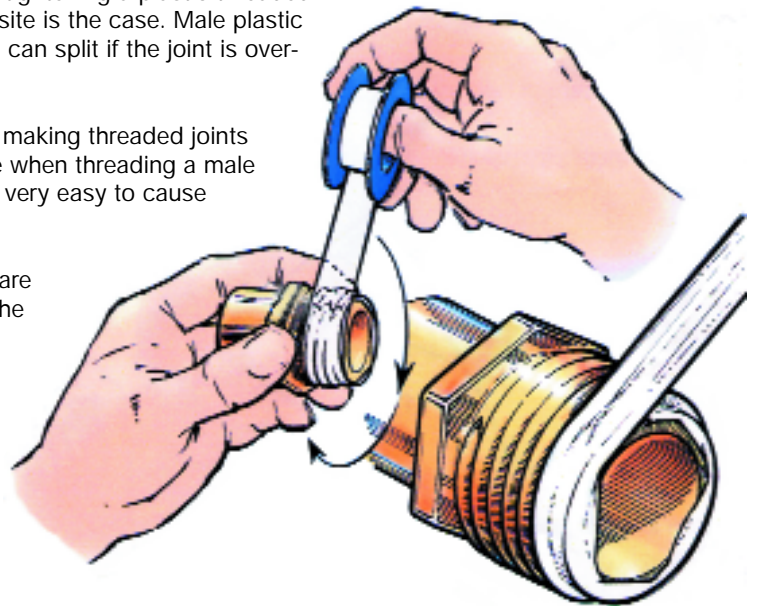
Perhaps the most important thing to remember is that over-tightening a plastic threaded joint does not give improved performance. In fact the opposite is the case. Male plastic threads can be damaged and female plastic threaded parts can split if the joint is over-tightened.

For the same reasons, extreme care should be taken when making threaded joints between metal and plastic parts. This is especially the case when threading a male metal pipe thread into a plastic female threaded fitting. It is very easy to cause damage to the plastic part if over-tightening occurs.

There are some PTFE based pipe jointing compounds that are suitable for making joints on plastic systems, but many of the commercially available compounds that are used for metal piping cause stress cracking in plastics that can lead to failure. For this reason we always recommend the use of good quality PTFE tape for threaded joints on all plastic systems.

When making threaded joints, always follow the following guidelines:

- Always wrap the PTFE tape clockwise on the male thread
- Apply 2 to 3 wraps only
- Tighten hand tight then use a suitably sized strap wrench to tighten a further 1 to 2 turns
- Do not use metal wrenches, and do not over-tighten



Plastic System Wins FM Approval

The AGRU PE 100 range of pipes and fittings has been approved by Factory Mutual (FM) for use in "underground fire protection service". It is the first FM approval gained by a European manufacturer for a metric PE piping system.

PE 100 piping is ideal for buried applications. It has exceptional ductility and will withstand very unfavourable ground conditions. It is also very easy to install using a simple butt welding or electrofusion welding technique.

This system has been successfully used for many years for a wide range of arduous applications. The FM approval now confirms the suitability of AGRU PE 100 for critical applications in the fire protection industry.



Tagged Valves

If you need to carry out valve tagging as part of a process piping installation, why not let our team take care of this for you?

We have the latest computerised engraving equipment in our workshop that enables us to quickly manufacture laminated plastic or stainless steel valve tags to your specification. Tags can be made engraved on one or two sides, and plastic tags can also be supplied in a wide choice of colours. Special engraving designs – such as company logos – may also be included.



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Handbook 8 Launched

IPS Handbook 8 is now available, including over 500 fully priced pages of plastic piping products, process controls, pumps and engineering materials.

This latest edition includes a much wider range of process control equipment, particularly featuring many new pressure control valves and a significantly expanded range of flowmeters. The Handbook is easy to use and offers advice on material selection together with engineering information.

This essential reference document is available free of charge to system designers and installers. To order your personal bound or CD copy, please contact our sales team on Freephone 0800 975 79 71, or order online at our website www.ips-plastics.com.



Request for information

Please send me the following:-

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- Information on these product(s):.....
- A copy of the IPS Handbook
- A copy of the IPS Handbook on CD

Name:.....

Job Title:.....

Company Name:.....

Address:.....

Postcode:.....

Telephone:.....















Main Business Activity:.....

Please also send information to my colleagues:-

Name:..... Job Title:.....

Name:..... Job Title:.....

Name:..... Job Title:.....

	PVC-U Systems
	PVC-C Systems
	ABS Systems
	Polypropylene Systems
	Polyethylene Systems
	PVDF Systems
	PURAD High Purity Systems
	Compressed Air Piping
	Pumps
	Double Containment Systems
	Process Measurement
	Fixings & Supports
	Tools & Installation Equipment
	Sheet & Rod

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