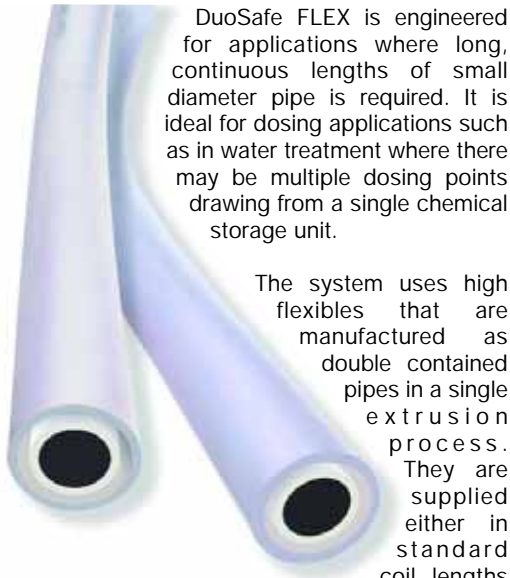


what's new in the pipeline

www.ips-plastics.com

June 2007

DuoSafe® FLEX secures chemical dosing



DuoSafe FLEX is engineered for applications where long, continuous lengths of small diameter pipe is required. It is ideal for dosing applications such as in water treatment where there may be multiple dosing points drawing from a single chemical storage unit.

The system uses high flexibles that are manufactured as double contained pipes in a single extrusion process. They are supplied either in standard coil lengths of up to 300 meters, or may be cut to specific shorter

lengths or specially manufactured in longer coils should the job require it. Connections between lengths or at termination points are made using a special range of rigid PVC-U fittings.

There are two types of flexible carrier hose available - Aquachem and Hydrochem - each offering strong resistance to a wide range of dosing chemicals. The carrier (dosing) tube is manufactured in sizes from DN 6mm up to DN 38mm, with a maximum working pressure of 10 bar.

A recent installation in a refurbished water treatment plant is typical of the successful use of this product. Over 800 meters of flexible double containment piping was installed on chemical dosing lines. DuoSafe FLEX was selected because it provided single long runs of pipe between the plant room and dosing points - reducing the risk from leaking

joints. The numerous changes of direction were also easily accommodated by the flexible pipe. Pipe runs were supported using Clic pipe clips attached to cable trays.

The system provides safe handling for Polyaluminium Hydroxychloride, Sulphuric Acid, Sodium Bisulphite and Sodium Hypochlorite.



DuoSafe FLEX can easily be run in cable trays

Industrial systems from Durapipe

Durapipe is a leading manufacturer of high performance, thermoplastic pipework systems. With over fifty years of experience, their products are widely used around the world for many different applications.

IPS is therefore delighted to add the Durapipe industrial Range to its' extensive portfolio of top quality plastic piping systems.

The Durapipe industrial range includes PVC-U piping products in both inch and metric dimensions, metric sized Corzan® PVC-C, inch and metric sized Polypropylene as well as Air Line Xtra compressed air systems. These systems are added to the Durapipe ABS piping products that are already part of the IPS range.

Customers buying Durapipe products from IPS will benefit from high levels of stock availability, in-house technical support and free on-site training to installers.

The latest edition of the IPS Handbook now features the Durapipe Industrial Range. To receive your complimentary copy, contact our sales team on our freephone 0800 975 79 71, email sales@ips-plastics.com, or register at our website: www.ips-plastics.com.



Valve tags to order

Our valve team can provide advice on the selection and use of both manual and actuated valves, as well as custom build packages specifically to your requirements. All of these products can be backed by complete documentation packages if required.

Another useful service is the custom valve tags that we make to order. Manufactured in laminated plastic and available in a range of colours, the tags are engraved in house, providing a very fast turn-around. Two standard diameters are available: 38mm and 50mm. Prices are £2.86 for tags engraved on one side and £3.43 for tags engraved both sides.

For further information speak to Tony Welsh or email twelsh@ips-plastics.com.



What is the life expectancy of PVC-U pipe?

The durability of PVC-U and other thermoplastic materials is related to the chemical degradation of the raw material. However unlike some thermoplastics, PVC-U does not oxidise.

Stabilisers that are used during the manufacturing process prevent degradation during extrusion and storage prior to installation. However when PVC-U pipes are buried in the ground no chemical degradation is expected to take place delivering a very long anticipated life.

The European standard for PVC-U pipes (EN1452) uses an extrapolation based on the hoop stress testing of the material for up to 20,000 hours. Using this method an estimated life expectancy of the material under continuous pressure will be between 50 to 100 years.

However tests in Germany and the Netherlands on pipes that had been in service for many years have concluded that PVC-U pipes used for drinking water systems may well have a life expectancy in excess of 100 years.

Further information on PVC-U piping material is available at: www.pvc4pipes.org

Spears gate valves in action

For a number of years CCP Gransden has been involved in successfully supplying the Water Industry in Northern Ireland with various equipment and products. One item of equipment they manufacture is a 'D-Chlor' unit.



Once a water main has been chlorinated after installation or repair the water in it must be de-chlorinated before discharge. This is done using de-chlorination tablets to remove any remaining chlorine in the water.

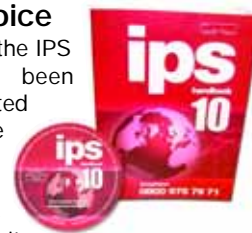
The 'D-Chlor' is a simple field dosing unit which does not require electrical power, and is designed to work at normal mains water pressures.

Plastic pipe and fittings from IPS is used to manufacture the D-Chlor unit. In particular they have chosen the Spears PVC-U gate valve to provide throttling of the water flow with a compact design.

Contact our sales team for more information on the Spears PVC-U and PVC-C gate valve. For information on CCP Gransden, visit www.ccp-gransden.com

Handbook choice

The 10th edition of the IPS Handbook has been revised and reprinted to include the Durapipe Industrial Range in addition to the existing IPS products. As always it is fully priced and illustrates the widest available range of industrial plastic piping systems.



In addition to the paper version, the handbook is also available on CD with the added bonus that it includes the latest IPS Technical Handbook. Previously only available on the IPS website, the technical handbook provides comprehensive guidance on material selection, system design and installation methods.

Contact IPS

IPS are the U.K.'s number 1 supplier of industrial plastic piping systems. We have a team of industry specialists covering the U.K. and Ireland, backed by the resources at our head office.

You can contact us directly or reach your area specialist using the information below.

Scotland - Ian McNicol
e-mail: imcnicol@ips-plastics.com

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e-mail: alamb@ips-plastics.com

Yorkshire & East - Les James
e-mail: ljames@ips-plastics.com

North West & Ireland - Kevin Curran
e-mail: kcurran@ips-plastics.com

Midlands & South West - Kevin Walsh
e-mail: kwalsh@ips-plastics.com

London & South East - Grant MacIver
e-mail: gmaciver@ips-plastics.com

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IPS welcomes Ian McNicol



Ian McNicol has joined IPS as Business Development Manager for Scotland.

Ian has over twenty years experience in the industrial plastics industry and has exceptional knowledge about materials and systems. In recent years he has been involved in resolving many problem piping applications for customers using innovative solutions.

When Ian is not working and can prise himself away from his young family, he escapes to the roads on his motor cycle or listens to and plays music.

Ian is a great addition to the IPS team, and we are delighted to have him on board. To contact him to discuss your piping applications, email imcnicol@ips-plastics.com, or telephone him on 07825 013394.

Request for information

Please send me the following:-

June 2007

- 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:.....

photocopy, complete and fax to 0191 521 3222