

# MJ ABBOTT

Welcome to the Winter 2024/25 edition of our customer newsletter.



## Company Updates: Welcome to the team...

It's great to be here at M J Abbott - a company with such an outstanding reputation within the industry for quality services, products, technical support, and a can-do attitude. In terms of my working background, I have worked for one of our largest water utility companies (Pennon Group) who own South West Water, Bournemouth Water, Bristol Water and others. Here I undertook several roles including advising businesses of their legal duty of care, providing legionella risk assessments, cutting edge solutions including electronic water monitoring and flushing systems. I was involved in off mains projects including sewage treatment, pump stations, boreholes and others. I have a solid understanding of SuDS, and many aspects of the water industry. Predominantly sales driven, with a technical vent, I was also tasked with training new starters in the business, presenting an introduction to the water industry, and providing an insight into the products and services available within the business. I also worked closely with the marketing team, driving new business initiatives and training call centre sales staff in terms of making outbound / inbound sales calls. I have worked for two manufacturers of off mains drainage products including sewage treatment plants, pumpstations, rainwater harvesting, attenuation and separators, working with contractors, developers, installers, merchants, architects, engineers, holiday parks and water utility companies. I have been involved in many aspects within the water industry, and I'm looking forward to sharing my knowledge and working with the M J Abbott team.



Chris Povey  
ACCOUNT MANAGER

## Product Announcements

# naylor

### Do You Need Quality Ducting?

At M J Abbott we work closely with Naylor UK offering a comprehensive range of ducting. Our plastic ducting systems are designed to support essential infrastructure including the civils, utility (power) and telecommunication markets. Our range includes: PVC Class 1 & 2 ducting for use in high voltage power applications / Polypropylene Class 1 & HDPE Class 2 Twin Wall ducting for use in high voltage power applications / HDPE Class 3 Utility ducting / General Purpose ducting. Our ducting systems are suitable for use in: Electricity and high voltage power applications / Motorway communications / Street lighting / Traffic signalling / Telecommunications / Gas and water supplies. Naylor 50 -150mm OD ducting is manufactured to BBA and BS EN61386 as required by the Highways Agency.

For all your duct enquiries please contact our sales office and be rest assured if we don't stock it, we can get it from Naylor's our manufacturing supply partner.



**PVC Class 1 & 2 Duct**

Our range of PVC ducts are designed to meet the needs of the DNO, with high performance in demanding applications. This range is manufactured in accordance with ENATS 12-24, and is suitable for high voltage power networks, providing connectivity with hydro, wind farms, solar farms and power connectivity including EV infrastructure.



**HDPE Class 2 Twin Wall Duct**

Class 2 ducting is a HDPE ducting system designed to provide underground ducting for electricity power cables. Fully compliant with ENATS 12-24 and the performance needs for lower voltage applications.



**Smooth Wall Duct**

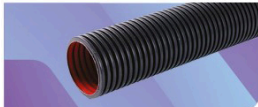
Smooth Wall Ducting is a range of smooth bore solid wall polyethylene ducting. We manufacture this to industry standard dimensional specifications, in the ODs, colours, wall thicknesses and lengths your project needs. Available in lengths of up to 6m, Smooth Wall Ducting can be used both as electric cable duct for street lighting and traffic signals.



**Associated Products**

Alongside our core range of ducting products we have:

- Access Chambers
- Covers and Frames
- Ducting Couplings
- Bands
- Accessories including seals and lubricants



**Polypropylene Class 1 Twin Wall Duct**

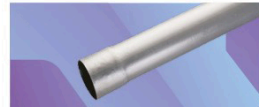
A system designed to be high strength and durable as well as lightweight and flexible. Manufactured in accordance with ENATS 12-24, the range is suitable for high voltage power networks, especially supporting the development of EV infrastructure.



**HDPE Class 3 Twin Wall Utility Duct**

Manufactured to BBA and BS EN 61386 as required by the Highways Agency, Utility duct can be supplied in various colours and markings to suit NJUG recommendations.

This product is compliant to the new BBA certification for sealed systems, and we normally supply it in either six metre lengths or 50 metre coils.



**General Purpose Duct**

Naylor's GP single wall ducting systems are some of our best sellers. Used in agricultural, street lighting and some gas applications, they're available in 2' through to 8" with a push fit socket interference joint.

## Case Study

# GEVEKO MARKINGS

MJ Abbott were pleased to offer technical advice and supply specific Ulma heavy duty channel drainage to our contractor R Chapman for the new Geveko Markings Ltd distribution depot at Gibbs Marsh Trading Estate, Henstridge, Dorset.

Distribution environments with constant heavy vehicles usage for channel drainage solutions with very specific requirements are required.

Their lorry and forklift manoeuvring in the concreted yard space have a combination of large surfaces to be drained, traffic with high axle and wheel loads, with great axial efforts in manoeuvres and braking, and the high requirements in terms of safety.

With installation now in process with our range of channel drainage solutions, we responded to these needs offering 300mm Load Class F900, as well as those required in other areas within the complex, such as vehicle parking areas, and polymer concrete drainage channels for heavy duty and all types of hydraulic requirements.

### MAIN ADVANTAGES:

Different channel widths: 100-150-200-250-300-400

Galvanized profile / ductile cast iron

Gratings available in galvanized steel or ductile cast iron

8 fixing points

Possibility of built-in slope, mixed slope or cascade slope

Fixing system via 8 screws per linear metre

Load classes up to F900

### APPLICATIONS:

Service stations, port loading and unloading areas, industrial buildings, airports, heavy vehicle car parks, public roads.



**GEVEKO** MARKINGS

## Main Feature: 'Connections'

### **Making the right pipe connections**

At MJ Abbott we understand the many different pipe connections you may need, that is why we stock so many comprehensive ranges of different types of fittings which we know play a role in linking various pipeline systems, and facilitating connection, extension, or alteration of pipes. Understanding the different types of fittings, our offering aids our customers in making the right choices.

In this edition we would like to update you on the many different common methods and comprehensive ranges we stock and supply in many different market sectors. Should you have any questions, please feel free to contact our sales department.

**Markets we supply include:** Water Utilities & Governed Bodies· Commercial & Industrial· Civils & Building· Holiday & Leisure· Sports & Recreation· Agricultural & Horticultural· Landfill & Recycling· Irrigation & Landscaping



**PLASSON**<sup>®</sup>  
UK

### **Pipe connections we stock & supply:**

#### **Plasson Compression Pipe Fittings**

Plasson Mechanical Compression PP fittings offer solutions for connecting PE pipes, used for conveying water and other fluids in urban and inter-urban infrastructure, industrial, mining, landscape and farming applications and for carrying communication lines. Plasson Mechanical Compression Fittings are designed to withstand working pressures of up to 16bar, and also include

valves which allow the regulation of flow. These fittings are manufactured in diameters ranging from 16mm to 160mm.

### **Plasson Electrofusion Pipe Fittings**

Plasson Electrofusion fittings are specifically designed for reliable, high performance pipe joining and long system life. This automated system has been proven to be most economical due to the low potential for operator error.

### **Plasson Barrier Pipe Fittings**

Plasson's extensive range of barrier fittings offer a secure solution to maintaining full system protection for barrier pipe installations. Our barrier fittings have been specially designed to ensure no contact between barrier pipe's protective aluminium layer and drinking water. Options to suit your project needs, made from high-grade polypropylene and designed for quick and easy installation, our Plasson barrier fittings are available in 25mm, 32mm, and 63mm sizes and come in a variety of configurations, including couplers, adapters, elbows, tees, end plugs and more.



**Hambaker**  
PIPELINES

### **Hambaker Mechanical Pipe Fittings**

We supply a comprehensive range of ductile iron pipes, fittings and associated products.

### **Galvanised Pipe Fittings**

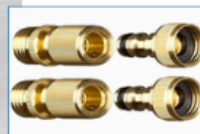
We stock galvanised tubes, fittings and flanges for this metal pipe system. You can also be certain that we'll have what you need for whichever metal pipe joining technique you're using.

### **PVC & ABS Fittings**

Industrial Pressure PVC (PVCU/UPVC), ABS Plastic Pipe Systems: including pipes, fittings and accessories. We supply metric mm ranges (PN6, PN10 & PN16), UK imperial inch ranges (Class C, D, E), USA imperial inch ranges in both metric and imperial. All our PVC and ABS pipe systems are manufactured to the relevant standards.

### **Stainless Steel Fittings**

We offer almost the complete range of stainless steel pipes and fittings either from stock or on a short lead time.



**Funke Kunststoffe**



### **Funke VPC Fittings**

The new Funke VPC® Pipe Coupling allows pipes of the same nominal diameters made of different materials to be connected to one another safely, reliably, and with the best possible results – despite having different outer diameters incurred by the design type! The Funke VPC® Pipe Coupling consists of a reducible sealing sleeve made of elastomer rubber, a centrally reducible securing cage made of plastic, and two stainless-steel bands for applying force to achieve a uniform circumferential adjustment.

### **Hose Fittings**

We offer a comprehensive range of quality hoses, hose fittings and components.

### **Fabricated Fittings**

Twinwall HDPE (high density polyethylene) and polypropylene pipe fittings, PVC duct fittings, bespoke sewer fittings, and our extensive range of valves and accessories to suit any situation. All our fittings can be adapted to suit sewer, clay, steel, concrete or twinwall systems. We offer fittings and valves to suit all manufactured pipes, whether they are British, Irish, European or from elsewhere in the world. All of our regular products can be on site in approximately 3 working days, stocked items such as inline non return valves, slice valves and flap valves can go out immediately for next day delivery. Our bespoke fabrication service is available to all our customers, whatever you require we can get manufactured and supply to meet your requirements. Fabrications available from 10mm diameter to 3.5mtrs diameter, no job is too large or too small.

## **Industry Trends: Maintaining buried pipes and joints.**

Existing and new installation of buried pipes and joints for clean drinking water, drainage or sewage once in the ground these pipes & joints are hidden from sight, buried in your land or under roads or pathways. Forces from ground movement, tree roots, building work, excavations, and extreme weather can make them leak, causing loss of water, blockages and contamination. Some leaks are straight forward to find as water is visible at the surface in drier months, and these tell-tale signs can be used to pin-point where repairs are needed.

Many leaks are much harder to find. Tiny cracks in buried pipes and failure of fittings due to incorrect installation and ground movement grow over time, until they open enough to let water pass through into the soil beneath structures, roads and pathways. In-pipe monitoring and smart metering are all playing an increasing role in the identification for these tiny but important leaks. Monitoring key parts of your pipe systems allows you to spot problems before they breakout into leaks, and give you time to plan preventative action. Climate change is also increasing the risks from more intense rainfall in the winter, and less in the summer. This dries soil in the summer, making it move and crack, compressing pipes. This is often followed by flash floods, which further moves soil around pipes and fittings once rain does arrive. Less stable weather conditions, with more frequent freeze-thaw events has effects inside and outside both pipes and fittings, and can cause damage including by freezing pipe systems. However despite these difficulties everyone needs to monitor and reduce leakage and contamination levels and achieving this will require a huge effort from installation, monitoring and taking into consideration extreme weather predictions and changes.

## **Product Portfolio**



**Drainnovation**

Our product portfolio in this edition features a company whose mission is to revolutionise the UK drainage industry by offering innovative, efficient and cost effective solutions for the management

of surface water and waste water.

Introducing Turtle's GT range. These underground grease traps have a passive design, which works by slowing the flow of wastewater, allowing it to cool and separate into two separate layers within the trap. Firstly, solids and food waste being heavier than water will drop to the base of the chamber. Fats, oils and grease (FOG's) entering the trap have a specific gravity less than the retained water in the unit and will separate leaving the FOG's to float to the top water level. This process is known as 'Gravity Separation' which is a proven design that all passive grease traps work on. GT models all have a deep vertical design that enhances the FOG's separation process, offering better settlement and storage of solids and sludge at the base of the trap.



#### Application

The GTM150 trap is a mini grease trap designed for small commercial kitchens with little or no food preparation e.g. sandwich shops, coffee shops and larger domestic kitchens that are not cooking with fats and oils and so are potentially only discharging small amounts of FOG via one sink from washing up



#### Application

The GT300 grease trap is designed for small commercial kitchens and restaurants, fast food/takeaway establishments that are cooking with fats and oils and using multiple sinks to clean dishes and cooking utensils, so are potentially discharging FOG's via those sinks.



#### Application

The GT500 grease trap is designed for small to medium commercial kitchens and restaurants, fast food/takeaway establishments that are cooking with fats and oils and using multiple sinks to clean dishes and cooking utensils, so are potentially discharging FOG's via those sinks.

[View email in browser](#)

[update your preferences](#) or [unsubscribe](#)