



## Manchester City Training Facility

JFC Plastics is a specialist manufacturer of plastic drainage and water management solutions for the civil engineering and construction sectors. Our CorriPipe™ twin-walled pipe has been used in numerous large scale projects throughout the UK.

Offering expert advice and a comprehensive range of fittings and accessories JFC is the brand of choice for leading contractors and project managers.

### JFC Pipe & Ducting Solutions

#### Surface & infrastructural Drainage

- CorriPipe™ Fittings & Accessories
- Catchpits / Silt Traps
- Pipe Jointing Lubricant
- Road Gullies

#### Land Drainage

- Perforated Twinwall CorriPipe™
- CorriPipe™ Fittings & Accessories

#### Ducting

- CorriDuct - General Purpose
- CorriDuct Coil
- ENAT CorriDuct Sticks
- CorriDuct Fittings

#### JFC Plastics Ltd

Hardwick Road, Astmoor Industrial Estate, Runcorn, Cheshire, WA7 1PH

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e: sales@jfcplastics.com  
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### Project Outline

Manchester City Football Club will move to a state-of-the-art £100m training complex in next two years. This impressive new complex is being built on an 80 acre site across the road from the Etihad Stadium in East Manchester and will be ready in time for the start of the 2014-2015 season. Believed to be the most complete training ground in world football, it will comprise 17 football pitches and a 7,000 capacity stadium for reserve matches.

As part of this major project development JFC Plastics was awarded the contract for the manufacture and supply of the necessary **CorriPipe Ducting Solutions** required through one of our trade partners JDP (a leading distributor of civil and drainage products in the UK). A major prerequisite of the project was the selected supplier should have the capability to supply large quantities of pipe and ducting solutions within a tight time frame to meet the project specification

### JFC Project Contribution:

- CorriDuct
- CorriPipe™ Twinwall Pipe
- CorriPipe™ Fittings & Accessories



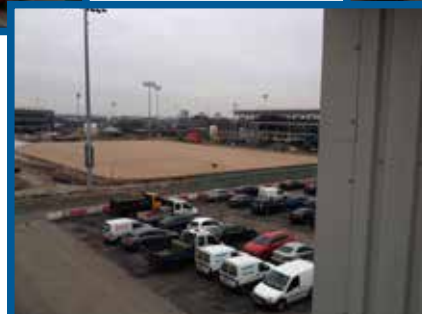
### JFC Solution: CorriDuct Cable Ducting Systems

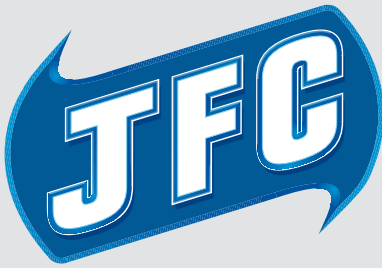
This twin-wall high density ducting pipe is manufactured by a twin extrusion process in which the two layers are simultaneously extruded one inside the other and heat welded together in one continuous step. The outer wall is corrugated providing excellent structural strength which reduces the possibility of on-site damage. The inner wall has a smooth seamless finish. It is a combination of the corrugations and the heat welding of the two walls that give CorriDuct its exceptional structural strength.

### Applications:

JFC CorriDuct is suitable for the protection of electricity, gas and water supply services, street lighting cables and fibre optic cabling for television/ telecommunications and high spec electrical duct applications. Supplied in black as standard JFC CorriDuct is manufactured to two different specifications depending on the application.

- BS EN 50086-2-4:1994 (Conduit Systems for Electrical Installations)
- ENATS 12-24-Class 2 (Technical Specifications for plastic ducts for buried electric cables)





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#### Benefits:

- High density polyethylene twin wall ducting
- Wide range of colours available for specific applications.
- Lightweight and available in long lengths (6m) for quick and easy installation.
- Ease of installation and the elimination of wastage reduce labour and plant costs.
- Fewer joints for quick and easy installation.
- Resistant to most naturally occurring chemicals and is therefore suitable for use on the majority of soil conditions.
- Manufactured in accordance with BS EN 50086-2-4:1994
- Range of fittings and accessories available

#### Perforated Twinwall CorriPipe™ Land Drainage

JFC's CorriPipe™ has been used in numerous large-scale projects throughout the UK. It is suitable for a wide range of surface and stormwater drainage applications including roads, rail track drainage, and land drainage/reclamation projects.

The outer wall is corrugated providing excellent structural strength which reduces the possibility of on-site damage. The inner wall has a smooth seamless finish to assist hydraulic flow. The design unlike traditional single-wall pipe prevents silt accumulation. It is supplied either fully perforated or half perforated depending on application required. The small perforations in the pipe enable water to be collected and carried away to a soakaway, water course or surface/rainwater drainage system.

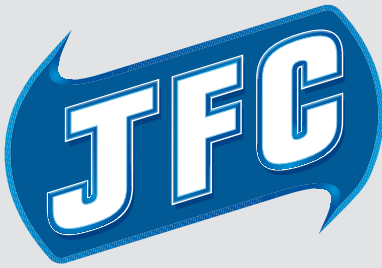
#### Applications:

This pipe is ideal for land drainage and flood risk or stormwater management applications.

#### Benefits:

- Lightweight and available in long lengths (6m) making it quick and easy to install.
- Ease of installation and the elimination of wastage reduce labour and plant costs
- Fewer joints and longer lengths (6m) assist flow.
- Resistant to most naturally occurring chemicals and is therefore suitable for use on the majority of soil conditions.
- Can be installed in depths from 0.5 to 10m (Maximum depth depends on ground conditions).
- Full range of fittings and accessories available





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### Quality Assurance:

JFC CorriPipe™ complies with or exceeds the relevant British standards to ensure reliability and long lasting service. It is backed with comprehensive technical support and a network of stockists to ensure availability when and where required.

The following Agreement Certificates have been awarded to JFC CorriPipe™ Twinwall Pipe

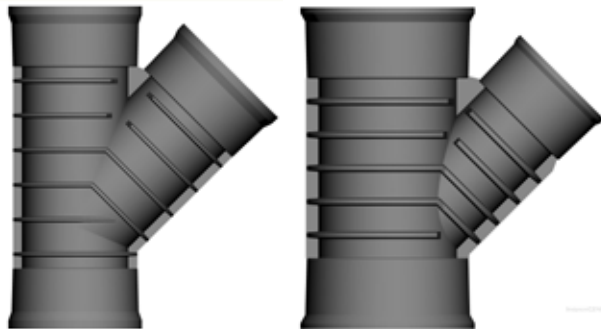
- BBA, HAPAS Roads & Bridges Certificate No 02/H069



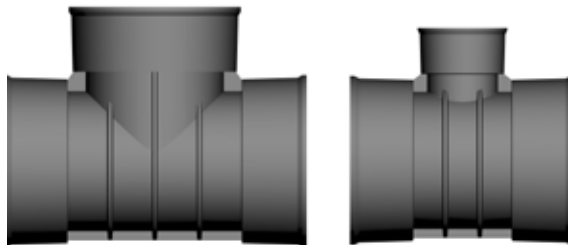
### CorriPipe™ Fittings & Accessories:

JFC CorriPipe™ is complemented by a broad range of fittings and accessory products that are quick and efficient to use and suitable for several applications. (Includes bends, tees, reducers and wyes/junctions). A wider range of pre-fabricated fittings for 375, 450 & 600mm Ø are also available on request.

### CorriPipe™ Equal & unequal Wyes



### CorriPipe™ Equal & unequal Tees



### CorriPipe™ Bends





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### JFC Service Solutions:

The biggest challenge faced by the contractor for this project was that the selected supplier should have the capability to supply large quantities of pipe and ducting solutions within a tight time frame to meet the project specification. This was an area where JFC excelled working closely with our distribution partner JDP (Radcliffe). Together we project managed the entire job, adopting a planned and organised approach to projected ordering helping to overcome any potential stock or delivery issues.

This also resulted in potential savings for the contractor who had a team of workers assigned for pipe installation. Any delay in delivering stock to site would have resulted in unnecessary downtime and associated labour costs.

All of the above culminated in the development a great working relationship with the site contractor and our own distributor partner involved in this project. The contractor was particularly impressed by the smooth running and professionalism of expertise and service delivered within the tight time constraints involved. "We pride ourselves in nurturing strong, trusted relationships with our customers. Our blend of market knowledge and technical expertise allows us to deliver distinctive customer service from the initial project specification through to project completion" Mark Perry - UK Sales Director.

*"Our recent experience with JDP and consequently JFC Plastics was very positive. The team were very reliable, and the project a complete success due to their professionalism, expertise, and quality service. I would have no hesitation in using JFC Pipe & Ducting solutions for future projects."*

Fred Bryant - Project Overseer Murraywood Construction

