



LEADERS IN DESIGN & INNOVATION

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JF Plastics' unique production facilities and highly skilled workforce enable us to supply to major construction builds in the UK.

Who are we?

JF Plastics have been established in the plastic pipe fabrication industry over 30 years. In this time, we have built up an unrivalled reputation as one of the best and most reliable suppliers to our customers throughout the UK.

We are proud to have relationships with many of the largest UK builders merchants and organisations involved in the construction of some of the highest profile power and civil engineering projects in the country.

What we do

We produce a wide range of plastic pipe products, made from high quality materials by our in-house team of experienced and skilled technicians. Whether you require a one-off single unit or a large quantity of standard products, JF Plastics can cater for your exact specifications and deadlines.

Our facilities and expertise allow us to fabricate products from a number of materials, including HDPE (High Density Polyethylene), MDPE (Medium Density Polyethylene), polypropylene, ABS (Acrylonitrile Butadiene Styrene) and uPVC.

What we can supply

- Twin Wall bends
- uPVC Duct bends
- Elbows
- Junctions
- Adapters
- Reducers
- Duct Spacers
- Couplers
- Flap & Slide Valves
- Puddle Flanges
- Bellmouths
- End Caps/Plugs
- Fin Drain fittings
- Catchpits and Sample chambers

Specialists in Long Radius Bends

Our bespoke fabrication service enables us to supply some of the largest radius bends required in industry to various power grids and sub-station projects.

We also continue to manufacture and supply to national wind farm projects a varied range of both standard and non-standard pipe bend and fabricated products.

Where we've supplied

Power Stations

- Staythorpe
- Pembroke
- Bradwell-on-Sea

Wind farms

Aberdare - Pen-Y-Cymoedd
Hull - Roose
Durham - Consett
Alnwick - Wandylan
Peterborough - Glassmoor
Scunthorpe - Keadby
Inverness - Rothes
Crick - Yelvertoft
Goole - Sixpenny
Beverley - Tickton Hall Farm
Dunbar - Crystal Rigg
Scottish Borders - Galashiels
Aberdeenshire - Tullos
Glasgow - Clyde

Major infrastructure projects

- Crossrail
- Hindhead tunnel
- Wembley Stadium
- London Cycle Scheme
- DP World (London Gateway)

Contact us today... T: **0113 286 8075** E: **info@jfplastics.co.uk** W: **www.jfplastics.co.uk**



TWIN WALL PIPE FITTINGS



J F Plastics manufacture and supply a huge range of fittings for twinwall pipe.

Our range includes:

- Double socketed elbow bends (made from couplers)
- Double paraseal socketed uPVC bends to accept twinwall pipe connections
- Junctions (fabricated from couplers or GP duct)
- Reducers and adaptors
- Flap and Slide valves
- Top Hats for soakaway crates
- Duct spacers and much more

We fabricate our fittings to suit any of the dimensions of recognised industry-standard pipe manufacturers such as JFC, Polypipe, Naylors, Radius & Wavin.

All of our fittings can be adapted to accept a range of pipe materials including steel, concrete and clay and can be fabricated to accept any pipe-to-pipe connection.



A 90 degree twinwall junction



A 45 degree twinwall junction



PVC Socketed pipe to suit Twin Wall pipe.



A selection of duct spacers



A 150mm Flap valve



A 1200mm Twin Wall Stub manufactured for a concrete pour on a wind turbine base.



Twinwall to sewer drain & twinwall to twinwall level invert reducers.



A 150mm Slide valve



A 225mm Top Hat, for use in soak-away crates.

TWIN WALL PIPE BENDS



Our TwinWall pipe bends can be manufactured to meet your specific requirements.

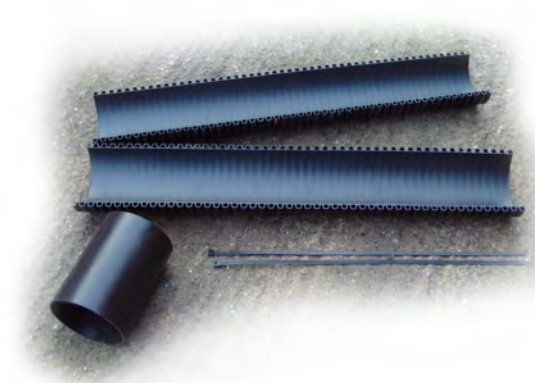
We are able to fabricate bends from the full range of pipe diameters, on a wide range of angles, lengths and radii. We can also produce offset bends (as shown to the right) in a variety of sizes.

Our standard bend radii are 300-1000mm, but we can provide bends outside of this range on request.



SPLIT DUCT

We can supply split twinwall ducting in 1 to 6 metre lengths and in any industry standard colour. Split duct is supplied with a split coupler and cable ties to securely join the two halves together.



Sizes available (ID):

94mm

100mm

125mm

225mm

300mm

uPVC SEWER PIPE FITTINGS

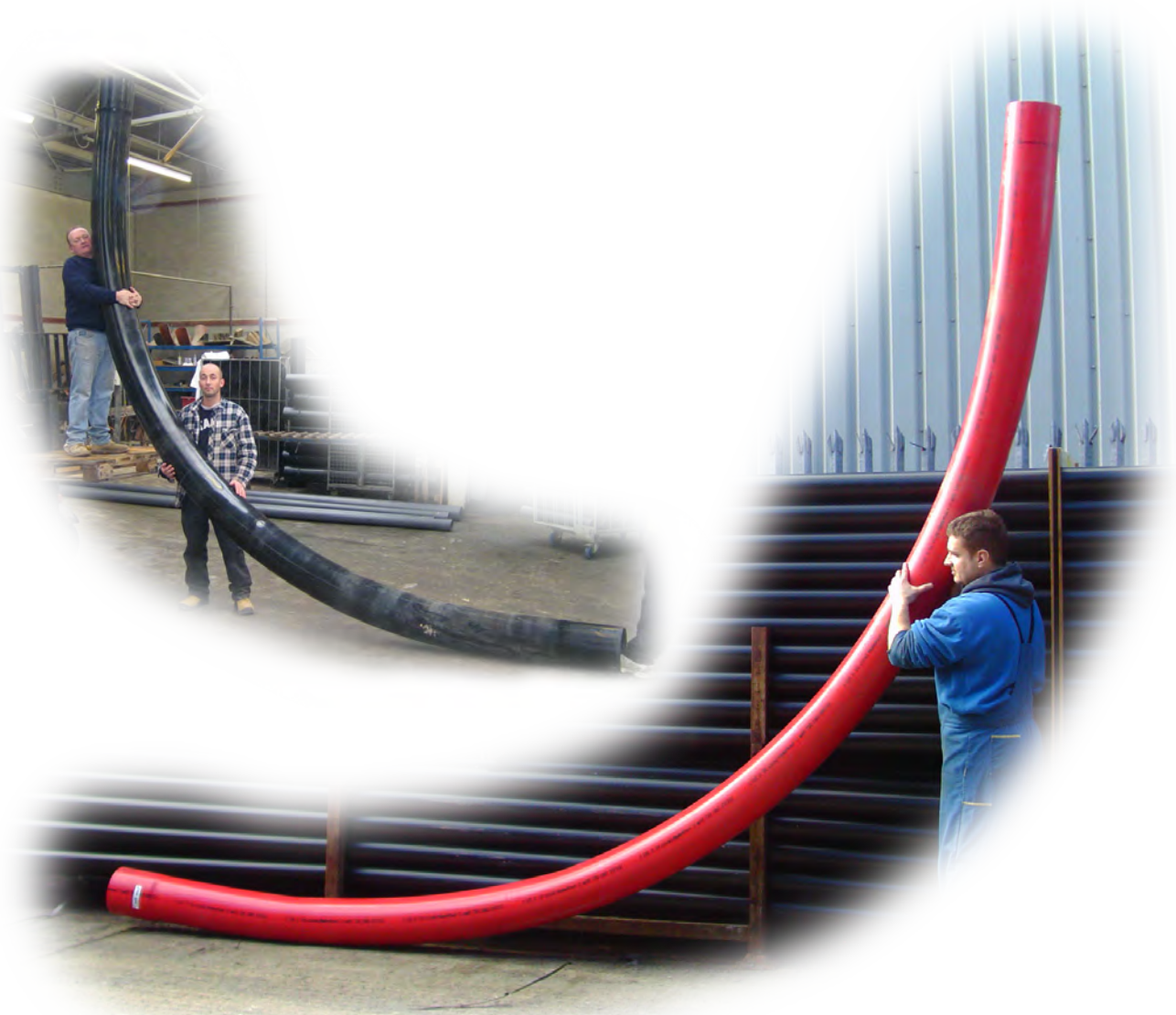
JF Plastics manufacture a large range of sewer pipe fittings, including junctions, saddles, puddle flanges, bends and more.

Our fittings can be made to suit twinwall, concrete, clay and steel pipes. We also supply a full range of long radius bends in diameters from 82mm to 315mm, with or without screwed access points.











LONG RADIUS BENDS

J F Plastics manufacture Long Radius Bends to any angle and any radius - from 63mm GP duct to 600mm Twin Wall pipe.



We fabricate with specific industry colour coded materials.

	BLACK	Electric
	ORANGE	Street Lighting & Traffic
	PURPLE	Signal Motorway Comms
	WHITE/LIGHT	BT & Other Telecoms Cable
	GREY GREEN	TV
	YELLOW	Gas Pipe Protection
	BLACK OR RED	Power Protect Duct
	BLUE	Water

WIND FARM DUCTING SUPPLIES



JF Plastics are one of the few companies in the UK that can manufacture any size of pipe to any radius required.

This is a significant advantage when the size of the power cables differ in width and are continuing to increase in diameter with development. A radius of 20 times the pipe diameter is recommended for the bending of the power cable.

JF Plastics have recently manufactured a range of bends for the power industry that included 250mm OD uPVC pipe bent at 22.5° on a 60 metre radius, as shown across.



We can manufacture extra-long legged continuous bends, made from up to 6 metres of pipe, to take cable through the turbine base can. As these bends have no joints it enables cable to be pulled through without snagging.



We also manufacture duct bellmouths for the ends of the ducts, either internally or externally fitted and bellmouths that can be used in the construction of draw pits.



Other products include:

- T and Y junctions
- End caps and plugs
- Reducers
- Chambers
- Duct Spacers (made to any configuration)



GAS VENTING FITTINGS



J F Plastics offer a full range of gas dispersal fittings, in both polyethylene and uPVC.

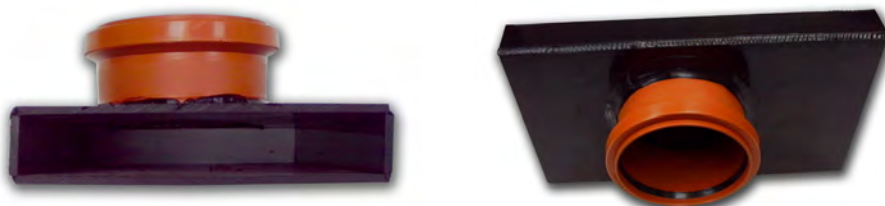
Our range includes:

- Ground-level gully ventilation boxes
- Slotted Tee pieces with open or closed ends
- Single entry ventilation boxes
- Extension pieces



COMPOSITE DRAINAGE FITTINGS

We manufacture T junctions, couplers and end caps to suit 150mm & 300mm drain systems, all you require is the filter medium.



DUCT SPACERS

There is no such thing as a 'standard' duct spacer at J F Plastics.

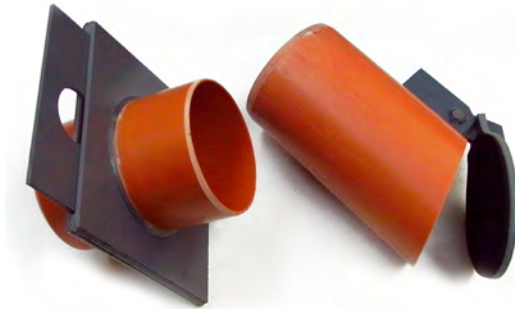
We can manufacture spacers for a 25.4mm (1") pipe up to a 600mm pipe, in any configuration that is needed.



uPVC VALVES, SAMPLING CHAMBERS & SILT TRAPS

Slide Valves

Our simple 'push down, pull up' mechanism ensures easy operation and enables staged opening or fully open options for a clear bore. Manufacture options includes plain ended or with sockets to accept any pipe combination including twinwall, sewer pipe, concrete clay or coil.



Flap Valves

These can be manufactured to suit any pipe including twinwall, sewer, concrete, clay and coil including wall mounted options. Easy to install and self operating, our range includes plain ended, socketed and flanged options.

Silt Traps

We can fabricate silt traps from uPVC or Twin Wall pipe. Shown to the left is a 250mm silt trap, 750mm long with 110mm inlets/outlets and base. An optional filter bucket, also shown, is available if required.



Sample Chambers

We supply a full range of sample chambers in uPVC or twin wall pipe to your requirements.



Puddle Flanges

J F Plastics can manufacture puddle flanges to suit any size of pipe layout.

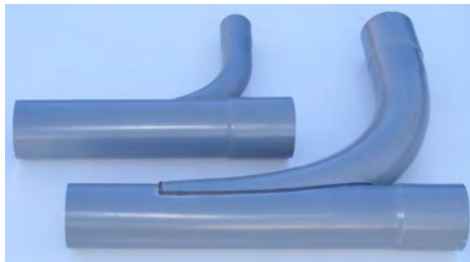
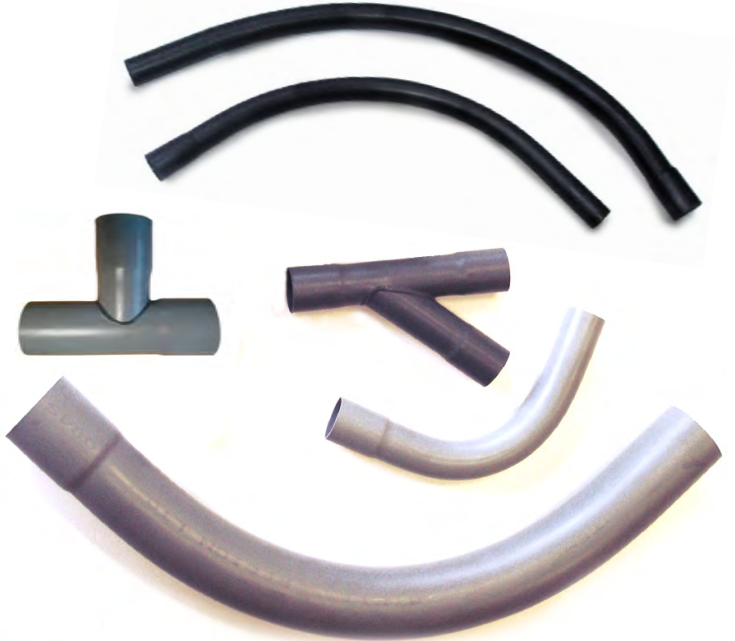


UTILITY FITTINGS

We manufacture a full range of fittings for use in utility industry applications.

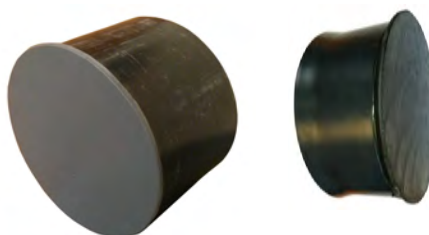
We offer:

- Bends (Riser & Hockey Sticks)
- Couplers
- Slip couplers
- T & Y junctions
- End caps
- Bellmouths
- Reducers
- Duct spacers
- Duct repair kits & split ducting



END CAPS

End caps or plugs that prevent debris entering exposed duct runs are available in a variety of sizes. Temporary or more permanent fabricated versions, below right, can be supplied.



TWIN WALL CATCHPIT CHAMBERS



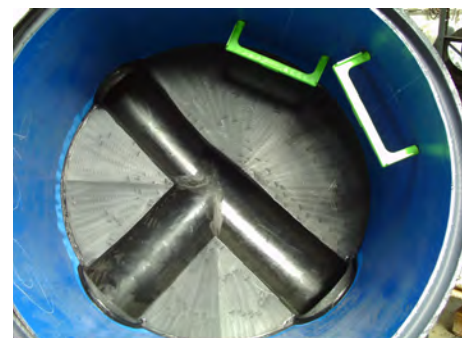
We manufacture twinwall catchpits in pipe up to 1200mm in diameter, to any depth and with your choice of inlet and outlet duct configurations.

Our twinwall chambers provide high impact strength and greater resilience to sub-zero temperatures than PVC.

We can also fabricate inspection chambers with channeled/benched bases, as well as supplying adapter plates to locate frames and lids (lids available from other suppliers).



A 300mm twinwall chamber with optional silt bucket.



A 600mm twinwall chamber with 150mm outlet, integral coupler and base plate with 38mm orifice.



A 1200mm man-hole chamber with step irons.

LAND DRAINAGE FITTINGS

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A range of innovative land drainage junctions have been developed by J F Plastics in response to customer requirements.

The Clip-On Saddle can be made to suit any size of land drainage. The saddle enables junctions to be made without having to excavate around the whole area, cutting a section and connecting in a separate junction. It is very easy to install and therefore keeps labour costs down to a minimum.



Snap-In Branch

The Snap-In Branch requires only one single cut hole in the side of the coil. The branch is then pushed in and secured with a cable-tie, creating a junction quickly and easily.



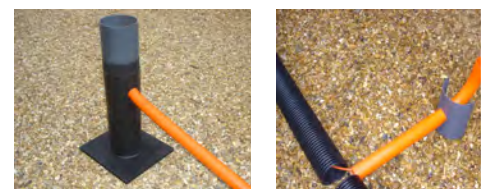
STREET LIGHTING SADDLE

This useful saddle clips around the base of a lighting column.

Once in place, the integrated duct bend provides a guide and protection for the cable, if future excavation work is required (helping to satisfy HSE-47 Safe Dig 69).

The unit also helps make for a clean working environment, minimising soil and debris from entering the working area.

We can manufacture the bends in a variety of industry standard colours - red, orange, green, purple and black.



STREET LIGHT FITTINGS

JF Plastics supply a full range duct fittings specifically for use in cabling street lighting systems.

We can supply:

- Bends, socketed or plain-ended
- Hockey sticks
- Reducers
- T & Y junctions, swept or straight
- Couplers



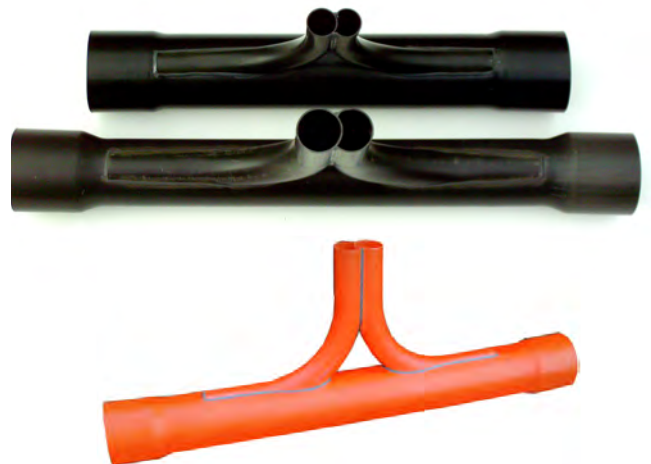
DOUBLE SWEPT TEE JUNCTIONS

An innovative product, designed with Electric Car Charging stations in mind, our double swept tee junction allows power cables to be daisy-chained to and from the charging points, keeping cable organised and protected.

This multi-function product can also be used for CCTV and other applications.

Other benefits:

- Cables are protected by the duct
- Open excavation time is minimised
- Back-filling is safe after connection
- Rod-feed cables and connectors can be used
- As unit is compact, haulage costs to site are reduced



SNAP-ON SADDLE

Our Snap-On Saddle saves time, and therefore money, when creating connections in pre-existing ducting with a trench.

The saddle enables a junction to be created with minimal excavation, only a small area around the connection needs to be cleared. A small access cut in the main duct is then made, with the saddle snapping over the exposed area and secured with cable ties or adhesive sealant.

We are proud to have supplied this product to Virgin Media for use in their FTTH (Fibre To The Home) project in Southampton.



BESPOKE FABRICATIONS

Our knowledgeable and friendly staff can work with you to design and manufacture ducting solutions that are not available off the shelf. A small selection of what we have done is shown below.

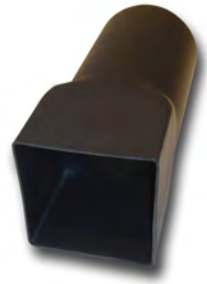
Overhead Duct Junction Boxes

These were manufactured for the Hindhead Tunnel project. Not able to source a product 'off the shelf', we were approached and manufactured the product exactly as required, see image to the right.



Square to Round Fittings

Square pipe, round hole? We have the answer. Our specialist fabricators can create a unique adapter fitting to solve your problem.



A special saddle junction fabricated from twinwall couplers.



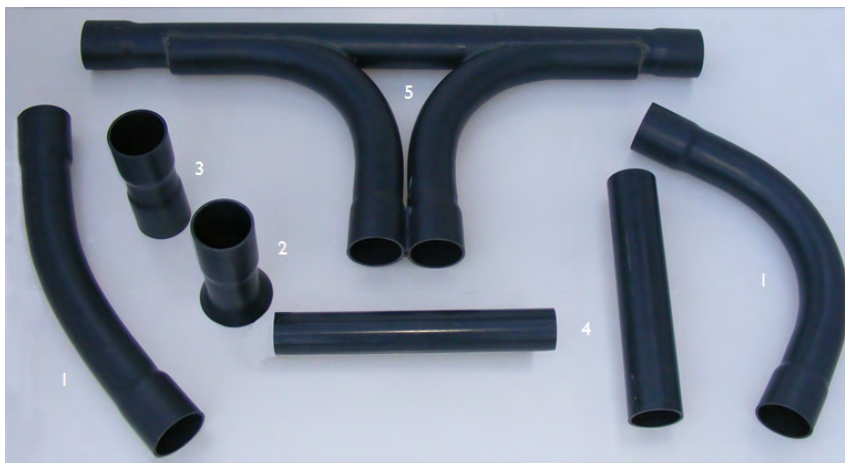
No job too big - our facilities enable us to tackle jobs others can't! A 1.2 metre diameter manhole chamber.

AIRFIELD GROUND LIGHTING FITTINGS

We now offer a range of fittings and duct for use in Airfield Ground Lighting applications.

Fittings are available in industry approved duct, with outside diameters of 50mm or 60.3mm, we can also offer delivery directly to air-side if required.

1. Drawn bends are produced with a centre-line radius of 250mm as standard and are para-seal socketed on both ends.
2. Bellmouths are push-fit socketed and aid in the smooth snag-free pulling of cables.
3. Push-fit couplers for joining duct lengths are supplied.



4. Straight duct lengths are available in 3 or 6 metre lengths.
5. Double-swept tee junctions to enable cables to be daisy-chained together and kept organised are available.

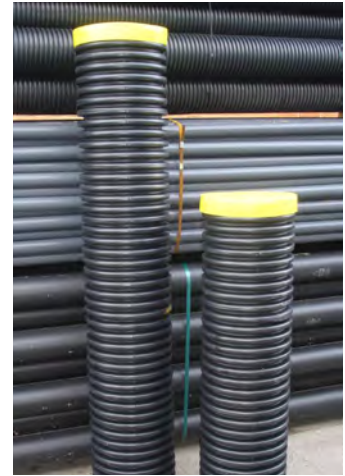
FLUORESCENT TUBE DISPOSAL

A clean, safe and green solution for the disposal of fluorescent lamps.

Fluorescent lamps are classified as hazardous waste, and therefore must be disposed of at a specialist waste site or recycled. JF Plastics can manufacture Lamp Disposal storage units that enable used tubes to be safely and securely stored, ready for onward transportation to the waste site or recyclers.

Our units:

- Are manufactured from robust and durable corrugated HDPE tube.
- Can be manufactured to any standard length required (4', 6' & 8' tubes) and a variety of diameters.
- Include a secure lid, which is chained to the body of the unit. We can provide a transfer/sticker for the lid, containing your company's branding if required.
- Can have the base lined in foam, to protect the tubes from breakage when putting them in.



GP DUCT FITTINGS

Our production facilities enable us to manufacture a huge range of industry standard and bespoke duct bends and fittings.

Our range includes:

- Long radius and standard bends
- Hockey stick bends
- Offset bends
- Couplers
- Reducers
- Junctions
- Bellmouths and more

All items can be delivered direct to your yard on national carriers.





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