



# Network Rail Hackney Sewer Diversion

## Solution to a high energy problem!

Pipeline electrical isolation and stray DC corrosion prevention box's. Working along Hyder Consulting (Design) and Railway Drainage (Installation) Woodford Plastics fabricated a large number of flanged isolation box's from black Polypropylene sheet. The box's were

designed and fabricated on a fast track delivery in order to meet with Network Rails programme. Some of the design requirements of the

isolation box's were that they had to be robust and vandal proof as well as being electrical isolators.



*Part of the production run of 126 No. bespoke Electrical isolation box's*

## Woodford Plastics Limited

Woodford Plastics fabrication division designs, fabricates and installs a wide range of Engineering Plastics tanks, vessels, columns and pipework. Working along our CNC Machining Division (On the same site) we are able to offer high quality be-

spoke fabrications to suit all budgets. We also provide an on site repair service and emergency call to satisfy our customers emergency requirements.



### Other products and services:

Plastic pipe & fittings supply

Plastic pipe & fittings installation

Plastic tanks & vessels

Secondary containment systems

GRP walkways & structures

PTFE lined pipes & fittings

Bespoke plastic fabrications

### Special points of interest:

- Isolation box's had to be electrical insulators.
- To avoid damage by brick throwing vandals the box's had to be very strong as well as lightweight for ease of installation.
- Embossed UV resistant finish.
- Parts CNC machined for accuracy, uniformity which also helped with installation.
- Bespoke fabrications with one of replacements available on short lead times.