**Specifications for Carriage Calculator (CC)**

Plastic Pipe Shop Ltd sells and ships out lengths of pipe and also cartons of pipe fittings.

The way that our shippers are calculating our carriage is changing in the near future.

The shipping calculation is based on: Shipping cost = Standing charge + Surcharges

The Standing charge is different for our two shippers (DHL and Tuffnells) and is dependent on the postcode area for the delivery.

Surcharges are applied to both DHL and Tuffnells for the speed of delivery.

Additional Surcharges are applied by Tuffnells for:

1. Pipe lengths which now carry an additional surcharge, depending on their length. The surcharge is only charged once per consignment – so if there are 20 lengths each at 6m being shipped, the surcharge is only charged once (not 20 times).
2. Residential delivery addresses

*Note: DHL will only ship pipe lengths of 1.25m*

The CC is currently used on an Excel spreadsheet for staff to calculate shipping costs for customers who phone or email orders in.

There is a requirement to have the CC on our website in place of page <https://www.plasticpipeshop.co.uk/Delivery-Options_ep_41-1.html> so that customers can see and estimate their shipping costs online.

* The webpage must be able to be viewed on all browsers
* The page must be able to sit within the current template currently used by Plastic Pipe Shop
* The page must be responsive
* Staff at Plastic Pipe Shop must be able to easily adjust the carriage rates (Standing charges and Surcharges) to future proof the work against future price rises. This could be through a CSV file FTP’d to our server or another such method.
* Staff at Plastic Pipe Shop must be able to change the visibility of the “Service supplements”. This could be through a CSV file FTP’d to our server or another such method.

Other comments / specifications;

* The postcode is checked against the table by removing any spaces and then removing the last three characters. For example:
  + “FK8 3PZ” becomes “FK8”
  + “ML23 4PP” becomes “ML23”
  + “W1A 4WW” becomes “W1A”
  + “FK83PZ” becomes “FK8”
* The postcode match, once trimmed down, must be a full and perfect match to the values in the postcode table.