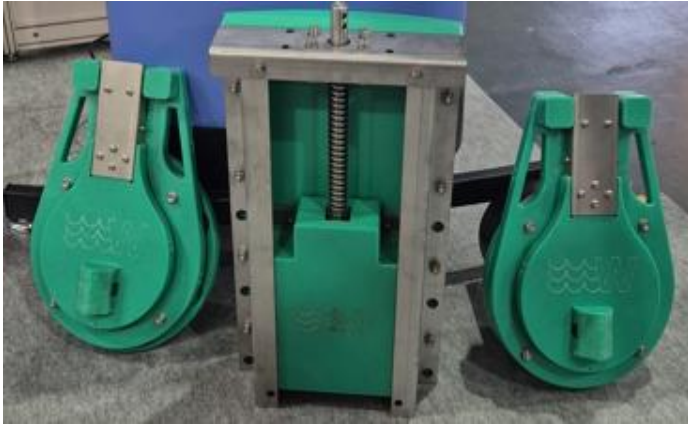


REGEN RANGE OF HDPE PENSTOCK AND FLAP VALVE



The virgin black HDPE 500 (polystone D) is utilised in our manufacturing processes, and any offcut scrap is taken back by our supplier, they then mix it with other offcuts to create the regen HDPE 500 (Polystone DR). The properties are the same as can be seen by the datasheets.

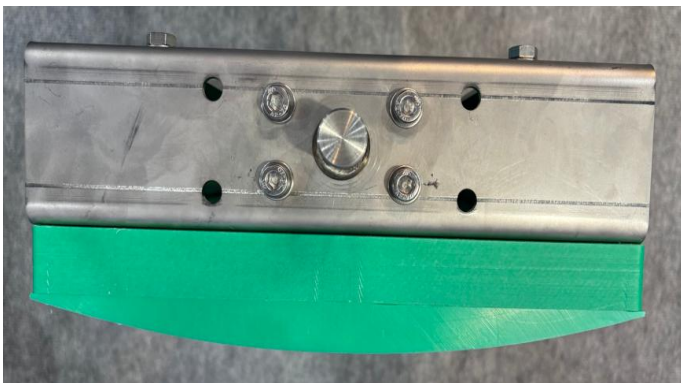
This allows a lower carbon impact in our material selection of this green type of product. Both the HDPE and Stainless steel are fully recyclable products and therefore upon disposal do not contribute to landfill waste, it is all reusable.

With some information on how we can adapt our mounting arrangements to assist installation situations is also a huge benefit to our HDPE range, in both the virgin black and the regen green.

To be able to offer clients products that we can manufacture to fit into any particular diameter of manhole is a MASSIVE selling point. The penstock is standard, and the adapter parts are cut to suit the diameter of the chamber. The flap valves are even more versatile. The standard product can be utilised with different type of adapters to give 4 mounting arrangements with the same valve. Standard, flange mounted (flap valve with flange adapter bolted) , Spigot mounted (flap valve with spigot adapter bolted) and then curved back mounted directly to manhole curve wall (flap valve with curve back adapter).

The amount of time that the curve back saves on site is huge.

To install a flat back product to a curved wall requires the manhole to be benched out (wooden shuttering) and grout poured to give a flat wall. This takes days to do this and have the grout dry enough to allow an installation to take place, by supplying the product already with the correct curve only needs neoprene seal between it and the wall, so this takes the whole process down by 2 days at least and negates the costs of the civils material.



Curved Back profile