



Valves are used within landfill engineering for a wide range of applications within landfill gas & leachate control where they are incorporated within pipework systems.

They include butterfly, gate and ball and non-return type valves made from gas and leachate-resistant materials such as PVC, polyethylene, polypropylene, cast iron and stainless steel.

Butterfly valves can be made into assemblies with the addition of stub flanges & backing rings to allow them to be butt or electrofusion-welded into PE pipelines.

Gate valves can be fitted with PE spigot fittings to allow the connection into a pipeline or to attach flexible hoses.

Applications

- Landfill gas control
- Landfill leachate control
- Pumping systems
- Compressed air systems

Features

- Wide range of connection types
- Robust design
- Landfill gas & leachate resistant
- Extensive range from 1/2 " to 630 mm

Type	Connection	Actuation	Size range	Materials
Safi Ball Valve	BSPF	Tee handle	32 mm – 90 mm	GRPP body, PE spigots
Safi Ball Valve	Spigot	Tee handle	32 mm – 90 mm	GRPP body, PE spigots
Butterfly Valve	Flange	Handle	DN50 – DN150	Cast iron, stainless steel disc, body, EPDM SEAL
Butterfly Valve	Flange	Gear box wheel	DN80 – DN600	Cast iron, stainless steel disc, body EPDM SEAL
Butterfly Valve Assembly	Stub flange	Handle	DN50 – DN150	Cast iron, stainless steel disc, body EPDM SEAL, PE spigot
Butterfly Valve Assembly	Stub flange	Gear box wheel	DN80 – DN600	Cast iron, stainless steel disc, body EPDM SEAL, PE spigot
Spears Gate Valve	Stub flange	Gate handle	32 mm – 110 mm	PVC body, PE spigot
Ball Valve	BSPF	Lever arm	1/2 " to 4 "	BZP
Angle Seat Valve	BSPM/F	Wheel	1/2 " to 2 "	Polypropylene
Non-Return Valves	BSPM/F	Various	1/2 " to 4 "	Polypropylene, BZP