



Single wall perforated land drain

Geotextile wrapped (TS1000 spec available on request)

Aesthetics: Ridged internal and external wall pipe with slotted perforations, EPS bead netted in situ and wrapped in geotextile.

Typical applications: Sub-surface drainage fields, stormwater soakaways, french drains, filter infiltration fields, foundation and retaining wall systems.

Product code	Carrier pipe specification	Nominal pipe size	Carrier pipe int. diameter	Carrier pipe ext. diameter	Overall dimensions	Unit weight
FD0331G	Single wall land drain BS 4962	3"	71.5mm	80mm	3000mm (l) x 175mm (d)	2.03kg
FD1231G	Single wall land drain BS 4962	4"	90mm	100mm	3000mm (l) x 300mm (d)	3.5kg
FD1631G	Single wall land drain BS 4962	6"	146mm	160mm	3000mm (l) x 375mm (d)	5.2kg

Twin wall perforated pipe

Aesthetics: Smooth internal and ridged external wall pipe, with slotted perforations, EPS bead netted in situ.

Typical applications: All applications.



Product code	Carrier pipe specification	Nominal pipe size	Carrier pipe int. diameter	Carrier pipe ext. diameter	Overall dimensions	Unit weight
FD1233	Twin wall BBA o2 / Ho69	4"	94mm	110mm	3000mm (l) x 300mm (d)	4.4kg
FD1633	Twin wall BBA o2 / Ho69	6"	150mm	178mm	3000mm (l) x 375mm (d)	7.2kg



Solid sewer perforated pipe

Aesthetics: Smooth internal and external wall pipe, with drilled perforations, EPS bead netted in situ.

Typical applications: Septic tank and water treatment percolation fields.

Product code	Carrier pipe specification	Nominal pipe size	Carrier pipe int. diameter	Carrier pipe ext. diameter	Overall dimensions	Unit weight
FD1241	Single wall sewer BS EN 13476-3 / 1404-1	4"	102mm	110mm	3000mm (l) x 300mm (d)	7.2kg
FD1641	Single wall sewer BS EN 13476-3 / 1404-1	6"	152mm	160mm	3000mm (l) x 375mm (d)	12.7kg



Polyagg

(Synthetic aggregate – no pipe)

Aesthetics: Netted bundle of EPS bead.

Typical applications: All applications including retaining wall and stormwater soakaways.

Product code	Product type	Overall dimensions	Unit weight
FD0330	Polyagg bundles	3000mm (l) x 175mm (d)	1.3kg
FD1230	Polyagg bundles	3000mm (l) x 300mm (d)	2.6kg
FD1630	Polyagg bundles	3000mm (l) x 375mm (d)	3.8kg

Load-bearing capability of Polybed and Polyagg carried out in conjunction with



The University of
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NTEC

Nottingham Transportation
Engineering Centre

The load bearing capability of Polybed has been tested by The University of Nottingham's Transportation Engineering Centre (NTEC) utilising their industry leading pavement engineering test facility.

NTEC's testing has demonstrated the suitability of Polybed/Polyagg/Polysock as an alternative to traditional pipe and aggregate drainage systems in rail, highway and vehicle parking applications.

The following table shows the recommended thickness of covering aggregates in millimetres for various loading conditions are –

Vehicle loading	Uncompacted ballast	Uncompacted sub-base/sub-ballast	Compacted sub-base/sub-ballast
Light van	300	600	300
Rare HGV lorry	450	Don't use	300
HGV traffic expected	450	Don't use	450

NTEC concluded that Polybed / Polyagg / Polysock can provide a structurally satisfactory alternative to traditional pipe and gravel based drainage systems.

For further information and full specifications please contact us using the details below.

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