



DuroDrain™ is used for the control of leachate levels within landfill sites to ensure compliance with environmental regulations.

It is available with perforations or slots and can have a solid invert to maximise the efficiency of the collection system and to aid with jetting and camera inspection.

DuroDrain™ is manufactured from non-pressure PE80 which is landfill leachate and gas-resistant polyethylene and has been installed within UK landfills for more than 25 years.

## Applications

- Landfill leachate extraction and control
- Landfill gas drainage systems

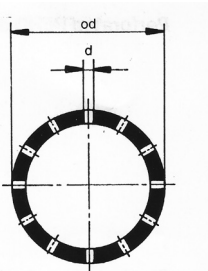
## Features

- Diameters from 110 to 450mm
- Solid invert available
- Open area 5-10%
- Slotted or perforated
- Available in SDR 17.6 and SDR 11
- Plain ended
- PE80 manufactured to DIN 8074
- Standard ATV 127 static calculations to prove design suitability
- Suitable for butt and electrofusion welding

### Material

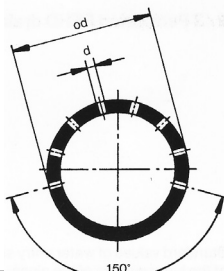
Property	Standard	Unit	Value PE80
Density	ISO 1183	g/cm	0.94
Melt Flow Index (190/5)	ISO 1133	g/10min	0.9
Tensile stress at yield	ISO 527	MPa	20
Elongation at yield	ISO 527	%	10
Elongation at break	ISO 527	%	Minimum 350
Impact strength (notched)	ISO 179	kJ/m <sup>2</sup>	12
Modules of elasticity	ISO 527	MPa	750

Fully Perforated Pipe	
Diameter (OD)mm	No. Rows
110	8
125	9
140-180	12
200	15
225-250	18
280-315	24
355 - 450	30



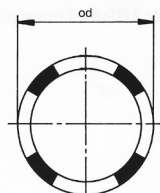
d = Standard perforation 12mm; Standard axial hole spacing 30mm

2/3 Perforated Pipe	
Diameter (OD)mm	No. Rows
110 -125	6
140-180	8
200	10
225-250	12
280-315	16
355 - 450	20



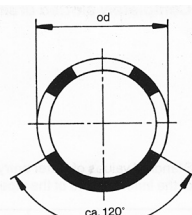
d = Standard perforation 12mm; Standard axial hole spacing 30mm

Fully Slotted	
Diameter (OD)mm	No. Rows
110 - 140	3
160 - 255	4
250-280	5
315 - 355	6
400 - 450	8



Available slot sizes 2, 3, 4, 6mm; Standard axial slot spacing 15mm

2/3 Slotted Pipe	
Diameter (OD)mm	No. Rows
110 - 140	2
160 - 255	3
250-280	4
315 - 355	5
400 - 450	7



Available slot sizes 2, 3, 4, 6mm; Standard axial slot spacing 15mm