



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

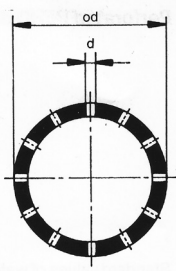
Features

- 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 ²	12
Modules of elasticity	ISO 527	MPa	750

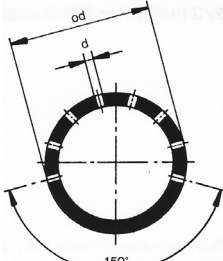
Joint Options: FPO – Flush push-fit complete with O-ring seal; PL – Plain ended; PFC – Plush fit

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	

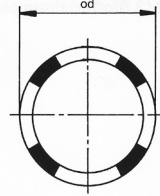
d = Standard perforation 12mm; Standard axial hole spacing 30mm

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	

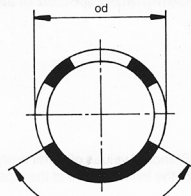
d = Standard perforation 12mm; Standard axial hole spacing 30mm

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