

FLEXIDRAIN

FLEXIBLE DRAINAGE CONNECTOR



FEATURES

- **Outstanding Flexibility** : Owing to the characteristic of the high quality rubber and bias reinforcement, a moderate length Flexidrain provides up to 50mm lateral displacement. This outstanding flexibility allows the Flexidrain to be the best choice in drainage and other low pressure system.
- **Underground Application** : Incorporated with steel reinforcing rings enable Flexidrain buried underground up to 3.0 M. without deform or failure. Flexidrain eliminates additional protection which is required by ordinary rubber joints.
- **Easy Installation** : Flexidrain insert type end connection fixed by stainless steel hose clamp reduces installation cost and time. Flexidrain can be installed in series to provide greater displacement for critical application.

APPLICATIONS

To be used in most of the drainage, sewerage, or low pressure system to compensate the differential settlement and pipe expansion.

Working Pressure : 1 Kgf/cm² or below

Applicable Fluid : Water, Drainage and Non-Corrosive Sewerage

Working Temperature : -10°C to 60°C

FLEXIDRAIN (50 LATERAL MOVEMENT)

● STRUCTURE

	No.	Parts	Materials
	①	Reinforcing Cord	Nylon Tire Cord
	②	Reinforcing Ring	Mild Steel
	③	Outer Rubber	Natural Rubber
	④	Inner Rubber	Natural Rubber

● DIMENSION AND ALLOWABLE MOVEMENT

* Elongation & Contraction : 10 mm

PVC Size (mm)	D1	L	M
	25	34.5	250
32	43	250	50
40	48.6	250	50
50	60.5	250	50
65	76.3	310	80
80	89.1	310	80
100	114.3	350	100
125	139.8	350	100
150	165.2	420	120
200	216.3	480	150
250	270	600	150
300	320	600	150
350	370	600	150

HDPE Size (mm)	D1	L	M
	32	32	250
40	40	250	50
50	50	250	50
63	63	250	50
75	75	310	75
90	90	310	75
110	110	350	100
125	125	350	100
140	140	350	100
160	160	420	110
180	180	420	110
200	200	480	135
225	225	480	135
250	250	600	150
280	280	600	150
315	315	600	150
355	355	600	150
400	400	600	150
450	450	700	200

**Noted: 25A-200A are in 2 bellows
250A-450A are in 3 bellows**

FLEXIDRAIN (100 Lateral Movement)

• STRUCTURE

No.	Parts	Materials
①	Reinforcing Cord	Nylon Tire Cord
②	Reinforcing Ring	Mild Steel
③	Outer Rubber	Natural Rubber
④	Inner Rubber	Natural Rubber

• DIMENSION AND ALLOWABLE MOVEMENT

* Elongation & Contraction : 10 mm

PVC	D1	L	M
Size (mm)			
25	34.5	350	50
32	43	350	50
40	48.6	350	50
50	60.5	350	50
65	76.3	400	80
80	89.1	400	80
100	114.3	450	100
125	139.8	450	100
150	165.2	500	120
200	216.3	550	150
250	270	750	150
300	320	750	150
350	370	800	150

HDPE	D1	L	M
Size (mm)			
32	32	350	50
40	40	350	50
50	50	350	50
63	63	350	50
75	75	400	75
90	90	400	75
110	110	450	100
125	125	450	100
140	140	450	100
160	160	500	110
180	180	500	110
200	200	550	135
225	225	550	135
250	250	750	150
280	280	750	150
315	315	750	150
355	355	800	150
400	400	800	150
450	450	900	200

Noted: 25A-200A are in 3 bellows
250A-450A are in 5 bellows