

FLEXI-DRAIN

FLEXIBLE DRAINAGE CONNECTOR



Features

- **Outstanding Flexibility** : Owing to the characteristic of the high quality rubber and bias reinforcement, a moderate length Flexi-Drain provides up to 50mm lateral displacement. This outstanding flexibility allows the Flexi-Drain to be the best choice in drainage and other low pressure system.
- **Underground Application** : Incorporated with steel reinforcing rings enable Flexi-Drain buried underground up to 1.5M without deform or failure. Flexi-Drain eliminates additional protection which is required by ordinary rubber joints.
- **Easy Installation** : Flexi-Drain insert type end connection which fixed by stainless steel hose clamp reduce installation cost and time. Flexi-Drain 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
Working Temperature : -10°C to 60°C

Testing Pressure : 3 Kgf/cm² (Max.)
Applicable Fluid : Water, Drainage, and Non-Corrosive Sewerage

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

(mm)

Size	D1	L	m	Allowable Displacement		
				Lateral	Elongation	Contraction
40	48.6	250	50	50	10	10
50	60.5	250	50	50	10	10
65	76.3	310	80	50	10	10
80	89.1	310	80	50	10	10
100	114.3	350	100	50	10	10
125	139.8	350	100	50	10	10
150	165.2	420	120	50	10	10
200	216.3	480	150	50	10	10
250	270.0	600	150	50	10	10
300	320.0	600	150	50	10	10

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