

## Flexible Drainage Connector

# FLEXI-DRAIN

Rubber Drainage Joint with Easy Installation  
(for Both Above and Under Ground)



### Feature

#### 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.

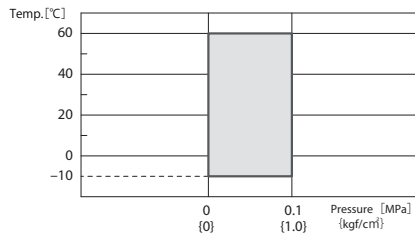
#### Underground Application

Incorporated with steel reinforcing rings enable Flexi-Drain buried underground up to 1.5 M. without deform or failure. Flexi-Drain eliminates additional protection which is required by ordinary rubber joints.

#### Easy Installation

Flexi-Drain insert type end connection fixed by stainless steel hose clamp reduces installation cost and time. Flexi-Drain can be installed in series to provide greater displacement for critical application.

### Operating Conditions and Performance



● Use after confirmation that the maximum operation pressure and maximum service temperature are within the operation range.

### Applications

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

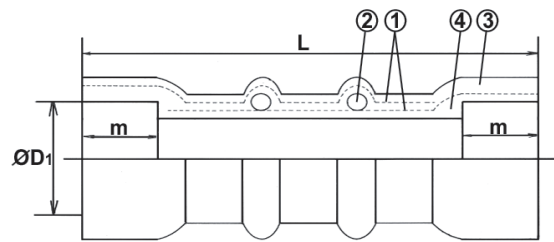
Working Pressure : 1 Kgf/cm<sup>2</sup> or below

Working Temperature : -10°C to 60°C

Testing Pressure : 3 Kgf/cm<sup>2</sup> (Max.)

Applicable Fluid : Water, Drainage, and Non-Corrosive Sewerage

### Structure



No.	Parts	Material	No.	Parts	Material
①	Reinforcing Cord	Nylon Tire Cord	③	Outer Rubber	EPDM(SK10)
②	Reinforcing Ring	Mild Steel	④	Inner Rubber	EPDM(SK10)

### Dimensions and Allowable Movements

Nominal Dia. [mm]	Dimension [mm]			Allowable displacement [mm]		
	L	D1	m	Lateral displacement	Elongation	Contraction
40	250	48.6	50	50	10	10
50	250	60.5	50	50	10	10
65	310	76.3	80	50	10	10
80	310	89.1	80	50	10	10
100	350	114.3	100	50	10	10
125	350	139.8	100	50	10	10
150	420	165.2	120	50	10	10
200	480	216.3	150	50	10	10
250	600	270	150	50	10	10
300	600	320	150	50	10	10

This brochure may be revised without prior notice. We apologize in advance for any inconvenience this may cause.

Agent

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