



Fig. KL-FD



#### FEATURES :

- 1. Movement** Flexdrain is designed to absorb the lateral movement of pipes by connecting the pipe ends and capable to installation for drainage, underground, non-corrosive sewage or low pressure service with to the high technology. The spiral spring steel wire rod reinforcement and high quality rubber, selected and steel reinforcing wire.
- 2. Simple Installation** Flex drain reduce cost and installation time with stainless steel hose clamps.
- 3. Applications** To be used in most of water drainage and corrosive sewage or low pressure system to compensate the differential settlement and pipe expansion.

#### SPECIFICATION & STRUCTURES :

NO.	PART	MATERIALS
1	Inner & Outer Rubber	Natural Rubber (Option : EPDM, NBR)
2	Reinforced Cord	Fabric Nylon Tire Cord
3	Spiral Reinforcement	High Carbon Steel

#### PERFORMANCE

Working Pressure	5 Kgf/cm <sup>2</sup>
Working Temp.	- 20 to 80°C
Test Max. Pressure	10 Kgf/cm <sup>2</sup>

#### DIMENSION AND ALLOWABLE MOVEMENT

Unit : mm.

Size	ID	OD	L	d	Allowable Displacement		
					Lateral	Elongation	Compression
40	50.8	69.6	300	50	50	10	10
50	63.5	79.5	300	50	50	10	10
65	76.2	95.0	300	80	50	10	10
80	88.9	104.9	300	80	50	10	10
100	114.3	130.3	300	100	50	10	10
125	139.7	157.7	300	100	50	10	10
150	165.1	181.1	300	120	50	10	10
200	215.9	231.9	450	125	50	10	10
250	266.7	282.7	600	150	50	10	10
300	317.5	333.5	600	150	50	10	10

- Note :**
- Pipe outside diameters must be clean and smooth.
  - Pipelines should be axially aligned in order to achieve the intended services.
  - Long length are available upon request. Please contact us for more information.