



FLEXI-DRAIN

Flexible Joint for Low pressure

MDFC

Flexible Drainage Connector



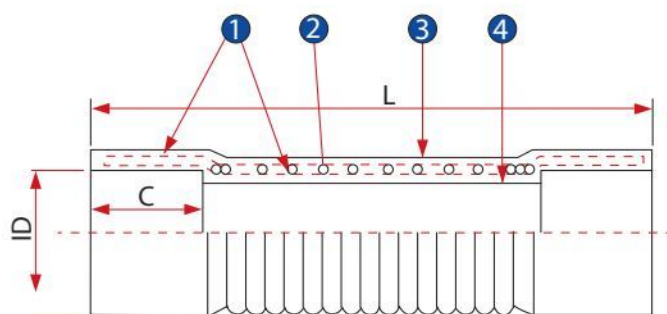
FEATURES

- **Movement** : MDFC - Flex is designed to absorb the lateral movement of pipes by connecting the pipe ends. MDFC - Flex is made by high technology using helix wire reinforcement and high quality rubber.
- **Underground Application** : Incorporated with steel reinforcing wire to enable MDFC-Flex to use underground up to 1.5 M without deflation.
- **Easy Installation** : MDFC-Flex can be made by using a low-pressure tightness sealing stainless steel clamps.
- **Applications** : To be used in most of the drainage and corrosive sewage or low pressure system to compensate the differential settlement and pipe expansion.

SPECIFICATION & STRUCTURES

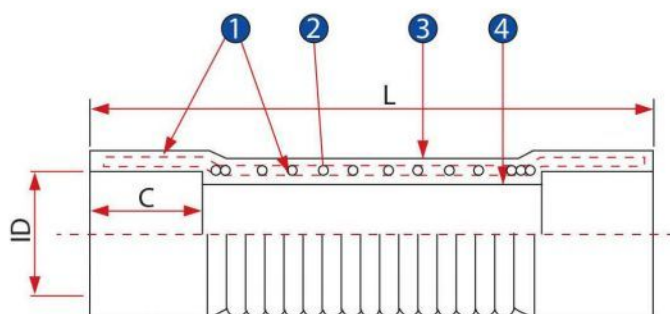
No.	Parts	Materials
1	Reinforcing Cord	Nylon Tire Cord
2	Reinforcing Ring	Helix Wire
3	Outer Rubber	Natural Rubber
4	Inner Rubber	Natural Rubber

Working Pressure : 1 Kgf/cm² Testing Pressure : 3 Kgf/cm² (Max)
Working Temperature : -10°C to 60°C



DIMENSION AND ALLOWABLE MOVEMENT

SIZE	ID PVC	ID HDPE	L	C	Allowable Displacement (mm)		
					Compression	Elongation	Lateral
50	60.5	64	300	50	10	10	50
65	76.3	76	300	75	10	10	50
80	89.1	91	300	75	10	10	50
100	114.3	113	300	75	10	10	50
150	165.2	162	450	100	10	10	50
200	216.3	230	450	125	10	10	50
250	270	282	450	150	10	10	50
300	320	318	450	150	10	10	50
350	371	356	450	150	10	10	50



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DIMENSION AND ALLOWABLE MOVEMENT

SIZE	ID PVC	ID HDPE	L	C	Allowable Displacement (mm)		
					Compression	Elongation	Lateral
50	60.5	64	400	50	10	10	100
65	76.3	76	400	75	10	10	100
80	89.1	91	400	75	10	10	100
100	114.3	113	400	75	10	10	100
150	165.2	162	550	100	10	10	100
200	216.3	230	550	125	10	10	100
250	270	282	550	150	10	10	100
300	320	318	550	150	10	10	100
350	371	356	700	150	10	10	100