



**LUOKAI**  
WE MAKE FLOW BETTER

## FPC FLEXIBLE MULTI-FUNCTION PIPE COUPLING



**FPC-T**



**FPC-S**

### SPECIFICATIONS

- LFPC flexible multi-function pipe coupling can be applicable to wide range of pipe sizes, and even more can connect the pipes whose OD difference reaches to 24mm;
- The stainless steel barrel and ductile iron end cap of LFPC-S flexible multi-function pipe coupling have outstanding tensile strength and anti-corrosion, which can fix all the loads no matter in the installation or during the use;
- LFPC flexible multi-function pipe coupling is provided with M16 bolts, which can be mounted onto the pipes quickly and easily without dismounting. It can be mounted onto irregular and deformed pipes (Pipe deviation  $\leq 3^\circ$ ). Although the pipe connection place removes a little because of pipe expansion or shrink, the pipe coupling will not leak;
- The epoxy coating of it is approved with NSF certificate, which can last for long time, have excellent anti-corrosion performance and wide temperature range, is not easy to be damaged during the transportation.

### ADVANTAGES

- It is more economic according to mechanical connector;
- Its anti-corrosion is as good as ductile iron pipes;
- It save installation space;

### COMPATIBLE PIPE MATERIALS

- Steel
- Cast iron / Ductile Iron
- Asbestos Cement
- Concrete
- PVC
- HDPE

### MATERIALS

- Barrel: 304 Stainless steel, S.S. 316, steel + epoxy coating (other materials available upon request)
- Gasket: EPDM, NBR
- Cap: Ductile iron + epoxy coating
- Bolts & Nuts: Steel, 304 Stainless steel, 316 (other materials available upon request)



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#### SIZE RANGE

80A-600A, 3"~24" (other sizes available upon request)

#### STANDARD

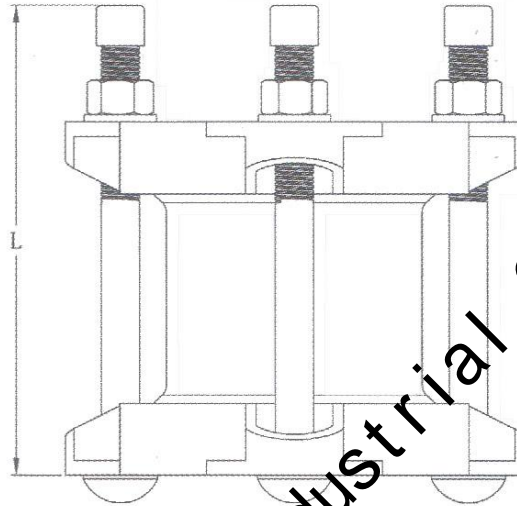
Complies with AS 4181-2013, AWWA (other sizes available upon request)

#### WORKING PRESSURE

≤16BAR

#### PRESSURE TESTING

1.5 x PB



#### TECHNICAL PARAMETERS

O.D. Range	Diameter Range		Length	Bolts	Working Pressure
mm	Min	Max	L	N-D	MPa
DN80S	88	108	210	3-M16	1.6
DN80L	88	103	270	3-M16	1.6
DN100S	108	132	220	3-M16	1.6
DN100L	108	132	270	3-M16	1.6
DN150S	158	182	275	3-M16	1.6
DN150L	158	182	320	3-M16	1.6
DN200	214	238	290	5-M16	1.6
DN225	242	269	290	5-M16	1.6
DN250	270	295	290	6-M16	1.6
DN300A	310	334	340	6-M16	1.6
DN300B	330	356	340	6-M16	1.6
DN375	400	429	340	8-M16	1.6
DN450	488	512	340	10-M16	1.6
DN500	540	565	340	12-M16	1.6
DN600	656	680	340	14-M16	1.6

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