

MACHWELD

PIPE CONNECTOR

Conveying Products



MACHWELD TRANSMISSIONS PVT. LTD.
2150/2, SR.NO. 39
WARJE MALWADI,
PUNE-58. PH.NO. 7768003961/9921192282

PIPE CONNECTOR INSTALLATION INSTRUCTIONS

1. Pipe (tube) end preparation:–

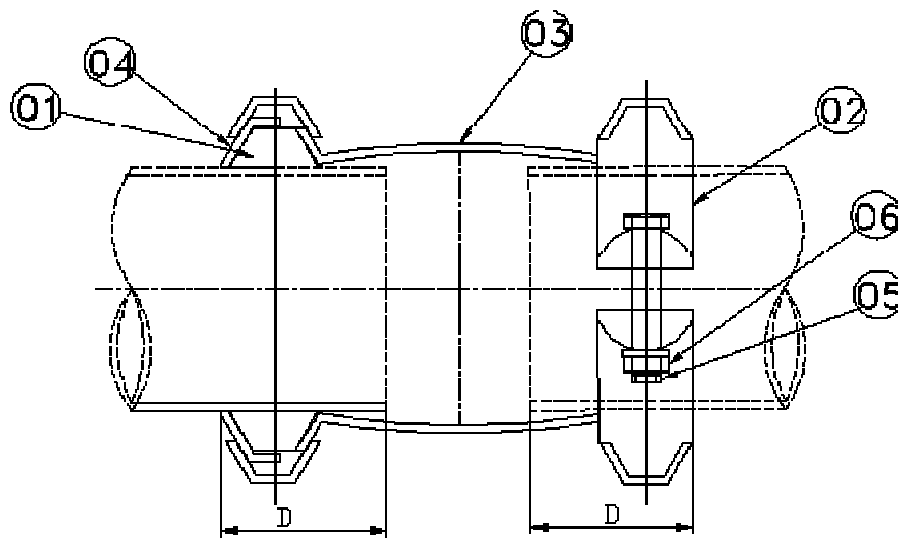
- i) Deburr and clean pipe (tube) ends.
- ii) Surface should be free of deep scratches, gouges, dents, dirt etc.

2. Installation:–

- i) Install Seal Ring Cover (4), Seal Ring (1) and Center Pipe (3) on one side of pipe in sequence.
 - ii) Install remaining Seal Ring Cover and Seal Ring on other pipe end.
 - iii) Position Seal Ring Cover and Seal Ring to proper pipe insertion depth 'D'.
 - iv) Slide Centre Pipe to Seal Ring and move Seal Ring and Seal Ring Cover.
- Pipe must be inserted to proper depth 'D' as shown in following figure.

3. Special Notes:–

- i) Assembly of Seal Ring can be made easier by dipping Seal Ring in water or the fluid to be sealed. The use of other rubber lubricants can be detrimental to the life of the Seal Ring. Never lubricate the metal parts.



FIGURE

PART LIST.

Part No.	Part Name	Qty/Assly
01	Seal Ring	02
02	Clamp	04
03	Centre Pipe	01
04	Seal Ring Cover	02
05	Bolt	02
06	Nut/washer	02
07	Link	02

EXPLODED VIEW OF PIPECONNECTOR



MACHWELD SEAL RING TECHNICAL DATA:-

Seal Ring Compound	Seal Ring Color	Temperature Range(°C)
Natural Rubber	Black	+29 to +137
Nitrile (NT)	Black	-32 to +121
Viton	Black	-32 to +232
Silicon	Rust Orange	-54 to +177

PRESSURE RATINGS:-

Size Range Pipe Connector	Operating pressure
PCNB 25-150 (1" to 6 ")	6-10 Bar

FOR, MACHWELD TRANSMISSIONS PVT. LTD.