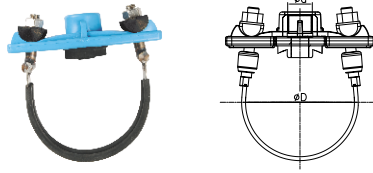


## COMPOSITE STRAP SADDLES FOR WATER (PN 10)



Ø D Mains Nominal Size	Tapping size (Threads on metal insert)			g	SP	D
	Ø d = 1/2" BSP	Ø d = 3/4" BSP	Ø d = 1" BSP			
80 NB	749001601010100	749001701010100	749001801010100	428	24	92
100 NB	749000101010100	749000201010100	749000301010100	492	24	117
150 NB	749000401010100	749000501010100	749000601010100	819	16	167
200 NB	749000701010100	749000801010100	749000901010100	861	12	217
250 NB*	749001001010100	749001101010100	749001201010100	-	-	264
300 NB*	749001301010100	749001401010100	749001501010100	-	-	315

\*Under Approval

Note : SP = Standard Pack Quantity, g = Weight in Grams

Kimplas Tapping Strap Saddles, manufactured in MDPE 80 (Blue) grade with threaded metal insert outlets with service connection threading size conforming to IS: 554. The saddles are of wrap-around design, with wide skirt and wide straps support and are rated PN 10. The saddles are suitable for tapping on DI and CI pipes. Saddle body is fastened to the pipe with SS straps and nut-bolt system. The straps are elastomer insulated type for firm grip on pipe and to avoid metal to metal contact. The sealing between the saddle and mains is obtained by using a profiled elastomer seal matching to the curvature of the pipe. The service connection outlet of metal insert projects out towards pipe side and aligns with the hole drilled on the pipe to ensure positive locking against rocking or creeping on the pipe. For exact technical specifications and recommendations on use, refer Kimplas Technical Specifications Manual.

### Standards:

- Pipe Compatibility : CI & DI Pipes K7, K9 as per ISO:2531, EN:545, EN:598, IS:1239-1, IS: 3589
- Complies with ISO : 4427 - Part 3 & EN : 12201 - Part 3

### Common Applications:

- ✓ HSC Tapping on DI pipes of nominal size 4" (NB 100) to 12" (NB 300)
- ✓ House service connection size from 1/2" (NB 15), 3/4" (NB 20), 1" (NB 25)
- ✓ Threaded tapping connections for House Service Connections (HSC)
- ✓ Fixing of Brass Ferrules of size 1/2", 3/4" and 1" on DI pipes
- ✓ Tapping connections in areas difficult to access, in narrow trenches etc
- ✓ Connections with threaded compression fittings used for HSC on DI/CI pipes

### Installation :

- Select appropriate size of DI saddle assembly according to the pipe size
- Using electric drill, drill a hole of appropriate size on the pipe as required for the installation of the saddle
- Remove SS nuts & washers, curved plastic washer and saddle body from Saddle Strap Assembly
- Insert projection portion of Saddle Seal into the hole to ensure it gets inserted into the pipe positively
- Wrap Saddle Strap Assembly around pipe, near the place of fitment
- Insert two bolts of the Saddle Strap Assembly through the two holes of the Saddle Body
- Insert two Curved Washers into the bolts and align to rest on the curved surface of saddle body
- Put SS washer and screw on SS nuts
- Tighten the nuts until the stopper bushes touch the saddle body
- Kimplas saddles require tightening only upto this limit

### Advantages :

- All body parts made from non-corrosive metal and plastics.
- Specially made for use on DI/CI pipes for drinking water application
- All wet parts made in material approved for drinking water
- Positive locking with pipe
- Permanent Batch Indicator, size, Raw Material Grade and PN rating marking
- Each fitting individually packed
- Moulded with non-corrosive metal insert for strength and stiffness
- Positive sealing with food grade NBR:- sealing pressure increasing with increase in fluid pressure.
- Straps made of non - corrosive material covered with rubber to avoid bi-metallic contact and protection of coatings on the pipes.
- Female threading on the metal insert allow tapping connection with or without flow regulating ferrule.