

TAVOR SADDLE 2

PLAS-FIT

PATENT
PENDING

Product Technical Data Sheet

ABOUT

- The Tavor saddles series is a revolutionary patent pending product line of saddles.
- The saddles are used for splits, junctions and for adding lines to a main line. The saddles are design for use with all kinds of PE, PVC and PP pipes for irrigation and high-pressure conveyance of water or chemicals.
- The Tavor saddles saves up to 70% of installation time in comparison to the traditional saddles in the market.
- The saddles arrive in a "Ready-to-Install" condition in which the bolt, nut and seal are already assembled on the saddle and all is left to do is tilt the bolt and tighten it.
- An advanced formula of Glass-Fiber reinforced Polypropylene material is being used to ensure long lasting operation under demanding applications.
- Excellent resistance to most commonly used chemicals for such kind of applications.
- Suitable for exposure to sunlight (UV).
- Nitrile seal for excellent sealing performance and chemical resistance.

FEATURES

The Tavor saddle 2 bolts is supplied fully assembled in a "ready-to-Install" condition:

- 2 Bolts for optimal grip of all types of pipes and weather conditions-both pre-installed
- O-ring Seal – pre-installed.
- No plastic bag (environment friendly)



TECHNICAL SPECIFICATIONS

Dimensions and characteristics

Tavor Saddles comply with the dimensional requirements and characteristics of the relevant standard EN ISO 13460. Threads (BSP) are manufactured according to EN 10226, ISO 7 and DIN 2999.

Operating pressure

10 Bar

Resistance to impact

The thermoplastic materials used for manufacturing the fittings have excellent impact properties.

Weathering

Saddle fittings offer excellent weathering properties which protects against degradation due to ultraviolet radiation and extreme temperature variations.

AVAILABLE PRODUCTS

Size(mm)	Cat No	Description
50 X 3/4"	440 50 R 02 02	TAVOR SADDLE 2 BOLTS WITH FEMALE THREAD
63 X 3/4"	440 63 R 02 02	TAVOR SADDLE 2 BOLTS WITH FEMALE THREAD



Size(mm)	Cat No	Description
50 X 20	440 50 R 01 20	TAVOR SADDLE 2 BOLTS WITH RECORD THREAD FOR ELASTO-FIT PIPE
63 X 20	440 63 R 01 20	TAVOR SADDLE 2 BOLTS WITH RECORD THREAD FOR ELASTO-FIT PIPE

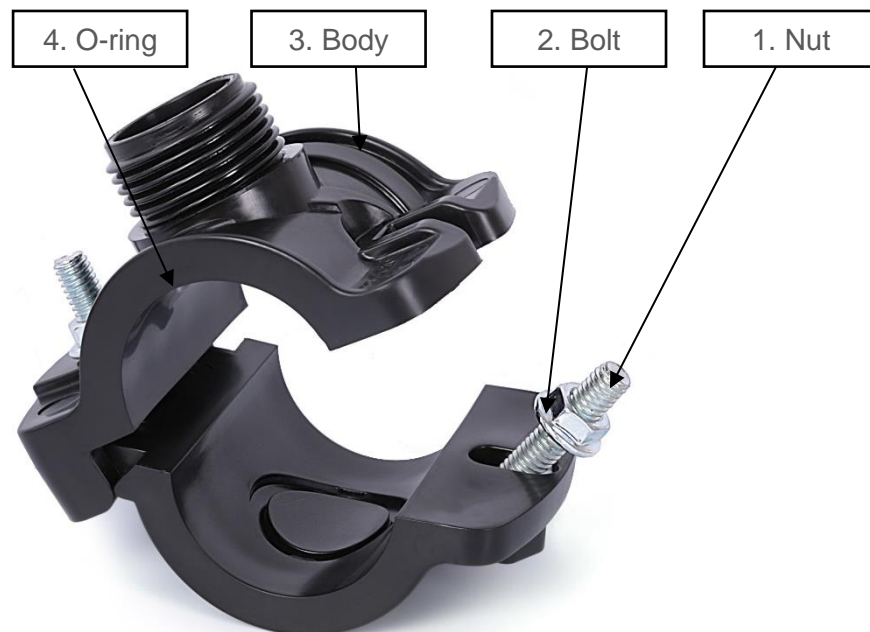


Size(mm)	Cat No	Description
50 X 20	440 50 R 00 20	TAVOR SADDLE 2 BOLTS WITH 20 MM PIPE OUTLET PN16
63 X 20	440 63 R 00 20	TAVOR SADDLE 2 BOLTS WITH 20 MM PIPE OUTLET PN16



MATERIALS

#	Part	Raw Material
1	Nut	Galvanized steel or Stainless steel*
2	Bolt	Galvanized steel or Stainless steel*
3	Body	Polypropylene
4	O- Ring	NBR 70



Assembly instructions

1. Un-screw the nuts until reaching 5mm from the bolt end.
Do not release the nut from the bolt.
2. Tilt the bolts with the nut and until it releases from the top part, and then tilt the top part of the saddle until it is fully open.
3. Verify that the O-ring is positioned well in its place.
4. Wipe any dirt from the relevant location on the pipe
5. Place the saddle over the desired position on the pipe. In case the hole is already drilled – verify that the O-ring is positioned correctly over the hole.
6. Tilt the saddle parts to close over the pipe and tilt the bolts back to vertical position over the top part.
7. Tighten the nuts until the saddle's 2 parts are 1-2mm apart.
8. Drill a hole in the pipe through the thread opening. Use a drill smaller than 20mm in order to avoid damage to the sealing area.

