

# ECO FITTOM

Oriented PVC fittings, innovative solutions  
for water networks







## Innovative solutions for water networks

### Integration and continuity

Molecor is committed to an integrated solution for pressurized water networks. The ecoFIT TOM® fittings, made 100% of PVC-O, guarantee continuity with PVC networks, including TOM® pipes. With these elements a greater homogeneity in the mechanical and hydraulic properties of the network is achieved.

### 100% compatibility

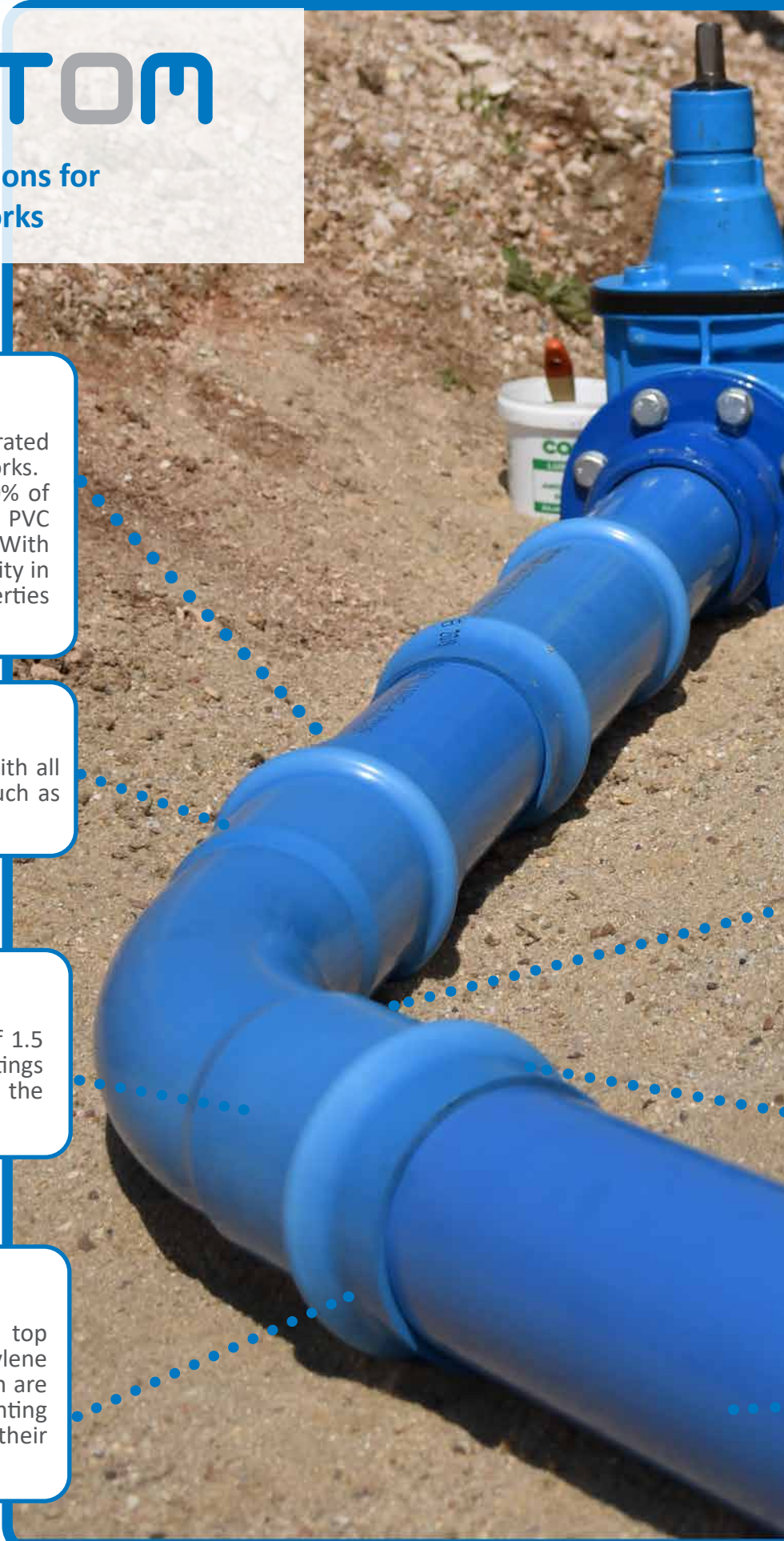
ecoFIT TOM® are fully compatible with all kinds of PVC infrastructure pipes such as PVC-O, PVC-U and PVC-M.

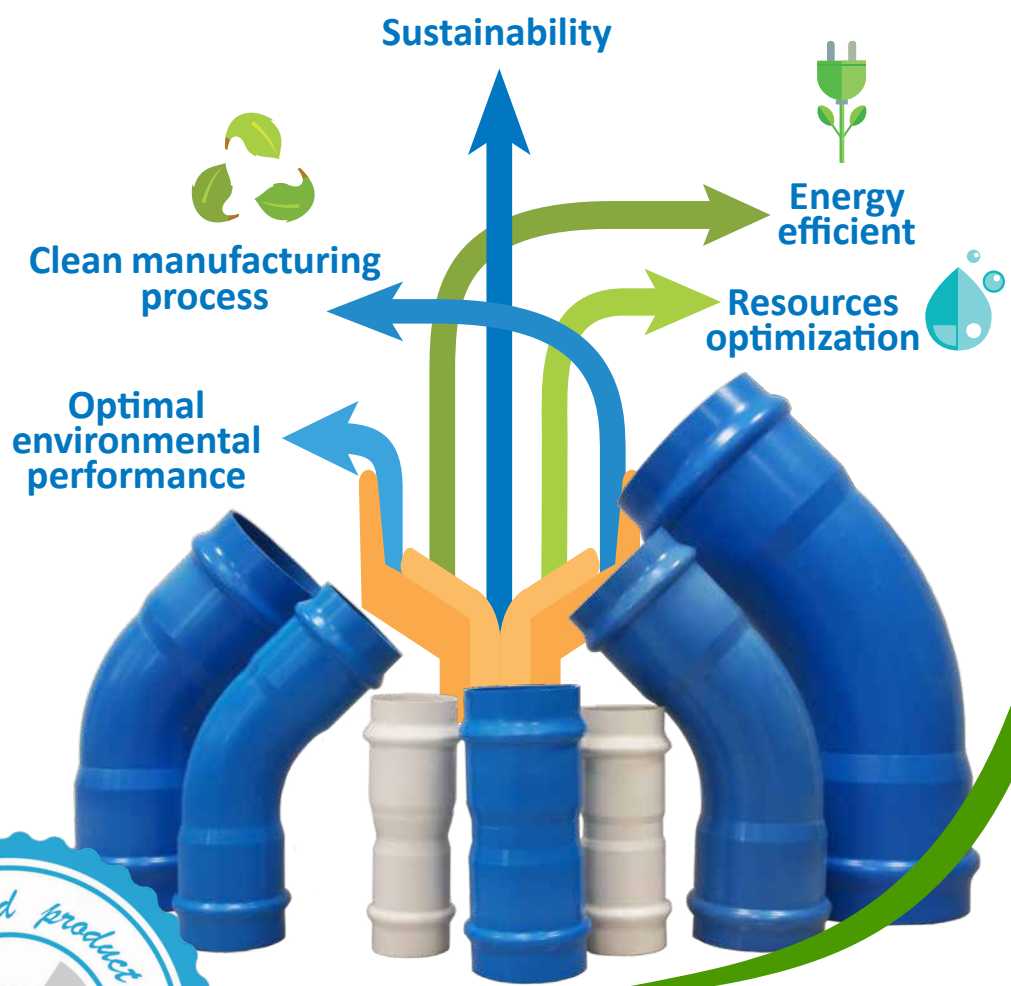
### Softness in curves

Designed with a curvature radius of 1.5 times the DN, the ecoFIT TOM® fittings help to reduce the head losses of the conveyed fluid.

### Fully watertight

ecoFIT TOM® are delivered with top quality gaskets formed by a polypropylene ring and a synthetic rubber lip which are integral part of the fitting, preventing them from moving from their emplacement while being installed.





### Corrosion resistant

ecoFIT TOM<sup>®</sup> is made of PVC, which is a chemically inert material, immune to corrosion and to attacks from micro and macro-organisms. Consequently, water remains always unaltered being suitable for human consumption.

### Lightness

ecoFIT TOM<sup>®</sup> are the lightest and easiest to install fittings in the market. They can be manually installed up to DN315 mm. The PVC-O systems formed by ecoFIT TOM<sup>®</sup> fittings and TOM<sup>®</sup> pipes are between six and twelve times lighter than others.

### Durability

ecoFIT TOM<sup>®</sup> hydrostatic resistance guarantees better mechanical properties over the long term resulting in a useful life of more than 50 years.

### Recyclability

The PVC-O with which ecoFIT TOM<sup>®</sup> are manufactured is 100% recyclable, can be milled and reprocessed, not only for the manufacturing of new fittings or pipes, but also for manufacturing urban furniture, wiring elements, profiles, etc.

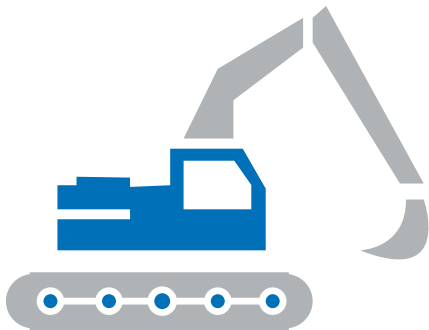
These fittings are manufactured according to the Spanish Standard UNE-CEN/TS 17176-3:2019 "Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 3: Fittings", based on the European specification CEN/TS 17176-3 and can be used in networks for the transportation of drinking water, irrigation systems, industrial applications, sewage, infrastructure networks, fire protection nets, etc. among other applications.

AENOR Product certification nº 001/007103 according to UNE-CEN/TS 17176-3:2019.



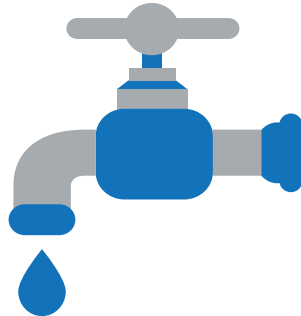


# ECO FITTOM advantages



## Installation advantages

- Light material.
- Easy to connect.
- Higher installation performance.
- Easy to adapt solid concrete blocks to trench conditions when needed.



## Advantages during use

- Total water tightness.
- Less breakages & less leakages.
- Immune to attacks from micro and macro organisms.
- Immune to any % of chlorine.
- Reduced head loss in bends.



## Advantages for users

- No biological corrosion, water remains always unaltered.
- No external corrosion proceeding from the soil.
- Total water quality.
- Environmental friendly.



**Would you like to know more?**

Discover more information about ecoFIT TOM® here



**Contact us:**

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