



ECO
FITTON

Oriented PVC fittings.
Innovative solutions for water networks



PVC-O Solution

Molecor is committed to an integrated solution for pressurized water networks. ecoFIT TOM® fittings, manufactured 100% in PVC-O with our own technology, offer a reliable alternative to the range of traditional fittings used with PVC-O pipe.

Maximum lightness

The ecoFIT TOM® series can be installed manually up to DN315 mm and is six to twelve times lighter than products made of other materials.

100% compatibility

The ecoFIT TOM® series is fully compatible with all types of PVC for infrastructure, such as PVC-O, PVC-U and PVC-M.

Immunity to corrosion

ecoFIT TOM® is made of PVC, a chemically inert material, immune to corrosion and to attacks by micro and macro organisms, thus guaranteeing the total quality of the water conveyed.

Tightness assured

ecoFIT TOM® is supplied with high quality seals consisting of a polypropylene ring and a synthetic rubber lip that form an integral part of the fitting, preventing displacement during installation and ensuring tightness.

Hydraulic efficiency

The low internal roughness of ecoFIT TOM® and the smoothness of the bends contribute to reduce the pressure losses of the transported fluid.



Geolocate and traceability

geoTOM®, the new app of Molecor, offers a complete traceability of each **ecoFIT TOM®** product and allows to geolocate the pieces which have been installed in a network in an easy and quick way.

Discover **geoTOM**
through this QR:



The widest range of PVC-O fittings

Molecor offers the widest range of PVC-O fittings available on the market, both in diameters and pressures.

ecoFIT TOM							
	Nominal Diameter (mm)						Nominal Pressure (bar)
Socketed bend 11,25°/ 22,5°/ 45° / 90°	90 ^(*)	110	125	140	160	200	PN16
		225	250	315	400		
Socketed reducer	110/90	125/110	140/110	160/110	160/140	200/160	PN16
	225/160	225/200	250/200	315/250	400/315		
Coupler	110	125	140	160	200		PN16
	225	250	315	400			
Sliding coupler	90	110	125	140	160	200	PN16
	225	250	315	400	500		

(*) Available Socketed bend 22,5°/45°

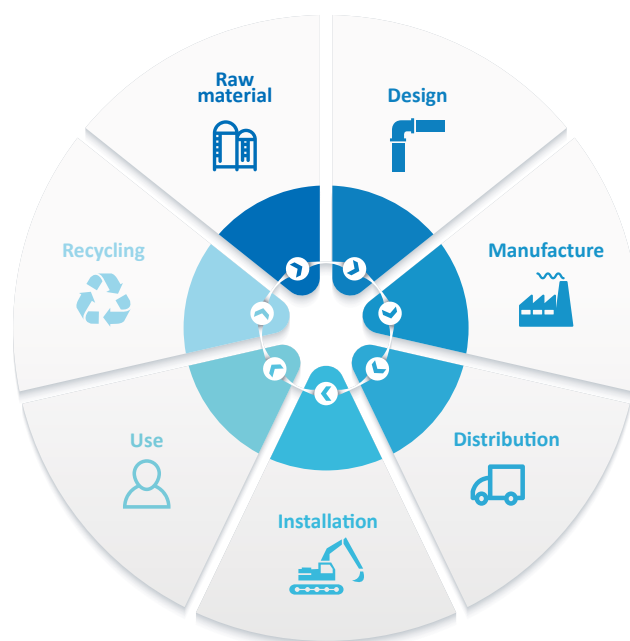


The most sustainable solution

One of the pillars on which **Molecor's** activity is based is the commitment to the environment, with eco-design being the fundamental criteria for the conception and development of our products and molecular oriented technologies.

The commitment to the environment in the production of **ecoFIT TOM® PVC-O fittings** is based on the following principles:

- **Sustainability:** More than 50% of PVC is made from a derivative of common salt, which contributes significantly to the saving of non-renewable resources such as oil or gas.
- **Durability:** The hydrostatic resistance of **ecoFIT TOM® fittings** guarantees better mechanical properties over time, resulting in a service life of more than 100 years.
- **Recyclability:** PVC is a 100% recyclable material that can be milled and reprocessed, not only for the manufacture of new fittings or pipes, but also for the manufacture of wiring, profiles, urban elements, etc.
- **Environmental Impact:** **Molecor** has assessed the environmental impact of **ecoFIT TOM®** and **TOM®** in all phases of their life cycle from cradle to grave. This analysis of the lifecycle (LCA) value has been developed according to ISO 14040 and ISO 14044 standards.



Worldwide projects

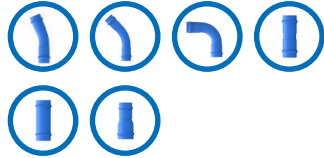


DN: 160-400mm
PN: 16 bar

Piura, Peru

2020

Creation of the drinking water and sewerage service for the district of Paita.



DN: 200mm
PN: 16 bar

Huesca, Spain

2018

Irrigation modernization project for the Zaidín Irrigation Community.



DN: 400mm
PN: 16 bar

Fully, Switzerland

2018

Pipe network for sprinkler irrigation of fruit trees.



DN: 110-400mm
PN: 16 bar

Brittany, France

2022

Repair of piping network of the commune Bazouge du Désert.



Quality certification

Quality, both technical and human, and commitment to the environment, are key elements in **Molecor's** business policy and activity.

With the purpose of achieving customer satisfaction and developing processes efficiently, an Integrated Management System has been implemented based on **UNE-EN ISO 9001**, **UNE-EN ISO 14001** and **AENOR Product Certificates** for accessories No. 001/007103 in accordance with UNE-CEN/TS 17176-3.

The quality of **ecoFIT TOM®** accessories is assured by the Aenor  mark.

The latest certificates can be downloaded at www.molecor.com



HYDROCHECK



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