

iJOINT

Compression fittings



The iJOINT focuses on safety and ergonomic handling – real benefits for our customers

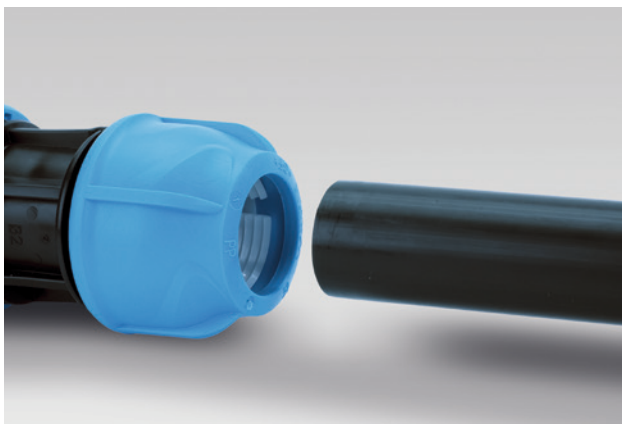
The new line of compression fittings from GF Piping Systems has been specially developed for use in water systems, assuring a quicker and easier installation compared to a traditional compression fitting. The lip sealing system makes this product both unique and long-lasting. Superb quality and innovative features predestine iJOINT for the drinking water market worldwide. iJOINT comprises all the benefits of plastics: no rust and no incrustation, lightweight construction, no leakage, excellent pressure resistance – just to name a few.

+ Features



iJOINT- the next generation of polypropylene compression fittings

+ Benefits



iJOINT is the result of GF Piping Systems' unremitting commitment to continuous improvement and a culture based on innovation and ingenuity. The innovative design provides essential benefits like fast, forgiving and effort-free installation methods in challenging trench and weather situations, ensuring maximum lifetime and high flow capacity for top performance in water applications. The iJOINT range contains straight and reducing joiners, tees, elbows, threaded connectors, end caps and metal transition adaptors ranging from d16 to d110 mm.

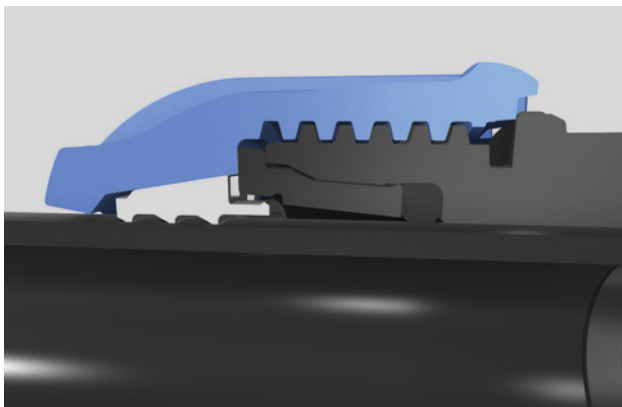
Fast and easy installation

iJOINT comes ready for installation, if necessary unscrew the nut to obtain a very easy pipe insertion. Installation of bigger dimensions is even easier due to the fact that there is no contact between the clamp ring and the pipe during insertion. GF wrenches enable an optimal strong tightening of the nuts, which strengthens the product performance.



Lip gasket

The special lubricated EPDM lip gasket allows a smooth pipe insertion even without pre-lubrication of the pipe. The special lip profile provides outstanding hydraulic performance even in case of ovalized, scratched or undersized pipes.





Safe design and long life time

The special design in combination with the use of top quality raw materials enables high pressure and pull-out resistance throughout the complete range, also in case of water hammer. The grip ring is biting the pipe granting a high pull out resistance and the thrust ring is pushing the lip gasket towards the pipe for a perfect sealing resistance.

Conformity to all important standards and availability in a wide range of diameters makes iJOINT your first choice

iJOINT compression fittings are suitable for use with all types of polyethylene pipes PE 80, PE 100, PEX and PVC-U with special transition kit. The fitting is ready to be installed out of the box without any preparation. The pipe can be inserted directly without disassembling the fitting. There is a 16 bar resistance throughout the complete range of iJOINT fittings, with approvals according to the most stringent regulations worldwide. The special lip gasket grants a perfect performance even with ovalised, scratched and undersized pipes.

+ Technical specifications

From ø 16 to 63		From ø 75 to 110
	Pressure range	
	Temperature range	
	Materials	
	Regulation for drinking water	
	Approvals	
	Standards	
	Test standards	

The comprehensive iJOINT system is ideal for new installations as well as renovations or extensions of existing water lines

iJOINT is designed for use in house connections and service lines. This wide-ranging system lends itself to new installations as well as to renovation or extension work on existing water lines. iJOINT can be used for diverse applications and its design benefits a vast number of industries. In addition, iJOINT is the perfect solution for bypass systems, where temporarily laid lines need to be disassembled in a quick and easy way.

+ Applications



Water Distribution Lines



House Connections



High-end Irrigation



- 1**
 - Water Distribution Lines
 - House Connections and Service Lines
 - Pressure Sewage

- 2**
 - Industrial Applications
 - Mining Industry

- 3**
 - Leisure Parks
 - Golf Courses
 - Camping Grounds

- 4**
 - Farming
 - Greenhouses
 - High-end Irrigation

Local support around the world

Visit our webpage to get in touch with your local specialist:

www.gfps.com/our-locations



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