



# SYSTEM'o®

## CPVC Expansion Compensators

Lighter and easier  
to install



*safety for your pipeworks*

# SIMPLE, COMPACT AND 20% LIGHTER

## EXPANSION AFFECTS ALL PIPING MATERIALS

If it is not taken into account, it can cause pipes to distort and disrupt the entire network regardless of the material used.

Expansion must be anticipated and controlled, for which there are 4 solutions:

- Create loop arms, expansion loops
- Use a flexible hose or a bellow compensator

Those techniques are effective but require careful planning prior to installation and a thorough understanding of expansion forces.

To make the expansion simple to manage, GIRPI has enlarged its range of SYSTEM'O® CPVC expansion compensators to include 25, 75, 90 and 110 diameters.

Already available in 32, 40, 50 and 63 diameters, GIRPI now offers a comprehensive range of 8 diameters from 25 to 110, to meet all project requirements.



Ø 25

Ø 32

Ø 40

Ø 50

Ø 63

Ø 75

Ø 90

Ø 110



## Why choose GIRPI's CPVC expansion compensators?

Easy to dismantle and maintain

Resists chemical treatments

Reduced pressure losses

Facilitates network design

A cost effective solution



Compact  
(easier to install in ceiling voids  
and technical shafts  
than expansion loops)

Easy to install,  
simple to support

Lighter weight than  
other solutions on the market

## THE SYSTEM'O® RANGE FOR DOMESTIC HOT & COLD WATER SYSTEMS:



One pipe  
for cold water



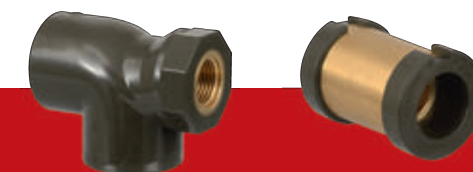
One pipe  
for hot water



A range  
of 400 fittings



Innovations:  
CPVC expansion fittings  
silicon flexible braided hoses,  
CPVC/brass mixed fittings



### CPVC/BRASS MIXED FITTINGS

CPVC fittings with threaded brass inserts enable easy and safe mechanical connections with threaded metal components.  
Also an ideal solution for draining a network.

# GIRPI, a team working by your side

## OUR SERVICES:

OUR TECHNICAL DEPARTMENT  
HAS A TECHNICAL SUPPORT TEAM AND A DESIGN TEAM:



We produce drawings  
with bills of  
GIRPI materials



BIM 3D  
library in  
REVIT format



Bills of materials  
(take-offs)



Identification  
of anchors, supporting,  
bracketing



Project  
launch  
assistance



Training  
center



Phone  
helpdesk

## UNUSUAL BUILDING SITE CONFIGURATION? SPECIFIC REQUIREMENTS?

OUR FABRICATION TEAM CAN SUPPLY CUSTOM-MADE ITEMS



**E-Measurement:** we provide a free app that can  
save you time.

In just a few clicks, you can calculate changes in  
direction, branches, expansion loops...



*safety for your pipeworks*

an *Aliaxis* company

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