

The reliable wide range fitting for  
large pipe diameters  
DN450 - DN600

# MULTI/JOINT<sup>®</sup> XL





# MULTI/JOINT® XL

The use of large diameter pipes has strongly increased worldwide. More and more water and gas pipes are replaced by new plastic pipes. Safety and reliability play an important role in the distribution of water and gas. That is why you want to rely on the endurance of the connections in your distribution network. Are you looking for a reliable and durable solution that can easily connect or repair large diameter pipes? MULTI/JOINT® XL is the right choice!

## Fittings for large pipe diameters up to and including DN600

### One size fits all!

The MULTI/JOINT® XL is a wide range ductile cast iron fitting, specially developed for under and aboveground water and gas applications, in the pipe diameters DN450 up to and including DN600. The MULTI/JOINT® XL is developed according to the MULTI/JOINT® principle, one size fits all! It does not matter which pipe material you encounter. As long as the nominal pipe diameters are the same, you can connect! A reduction fitting can be used if you need to reduce from bigger diameters to smaller diameters. Whether you encounter PE, PVC, steel, asbestos cement or ductile cast iron, the MULTI/JOINT® XL will do the job. Doing more with less products.

### Fields of application

- Water transport
- Water distribution
- Gas distribution
- Waste water
- Maintenance and repair
- Pumping stations
- Desalination installations
- Industrial applications



## Your benefits

- Quick, simple and safe installation
- Stock reduction, thanks to the 'one size fits all' principle
- Durable corrosion protection by Resicoat® epoxy powder coating
- Suitable for all pipe materials, such as PE, PVC, steel, AC and (ductile) cast iron
- Large insertion depth
- Reusable
- Applicable for under and aboveground use

## Time saving and stock reducing

The MULTI/JOINT® XL has a range of up to 32mm, for pipe diameters 450mm up to and including 637mm. The fitting is suitable for applications with pressure ratings of 10 bar in water and 4 bar in gas. The MULTI/JOINT® XL can be installed under virtually all circumstances and requires no special tools. These features result in time savings and stock reductions.



# Maintenance free connections

## Sealing system:

triple radius seal design  
(EPDM or NBR)



## Nuts:

stainless steel A2 (AISI 304)  
galvanised and passivated  
or stainless steel A4 (AISI 316)  
galvanised and passivated

## Bolts:

stainless steel A2 (AISI 304)  
PTFE coated  
or stainless steel A4 (AISI 316)  
PTFE coated



**Clamp ring:**

ductile cast iron GGG45 EN-GJS-450-10  
with Resicoat® epoxy powder coating  
type RT 9000 R4



**Body:**

ductile cast iron GGG45 EN-GJS-450-10  
with Resicoat® epoxy powder coating  
type RT 9000 R4

**Washer:**

stainless steel A2 (AISI 304)  
or stainless steel A4 (AISI 316)

# Easy and reliable installation

## Unique sealing system





The demanding safety requirements for gas and water networks make a reliable connection essential. The MULTI/JOINT® XL fittings fully comply with these safety requirements. The MULTI/JOINT® XL has a unique rubber sealing (see technical specifications). The sealing system features a rubber gasket that is positioned in the middle of the range of the fitting. The conical shape and the triple radius feature reduce the load on the rubber gasket. When the diameter of the pipe is smaller or bigger than the middle of the range, the gasket will either be compressed or stretched. This results in a rubber gasket which is limitedly compressed, resulting in a long life time expectancy of the fitting.

## Easy to install

The MULTI/JOINT® XL fittings have a large insertion depth, ensuring ease of installation. This long build in length is standard for all sizes and types. The fitting can also be used as a dismantling joint. Combined with the unique sealing system, the MULTI/JOINT® XL is a very reliable and safe solution for water and gas applications. You will feel confident with a MULTI/JOINT® XL in your pipe network.



# The system

Model			Type
	Coupling	non restraint	2500
	Reduced coupling	non restraint	2600
	Flange adaptor	non restraint	2550
	Reduced flange adaptor	non restraint	2650



## Long life expectancy

The ductile cast iron MULTI/JOINT® XL is protected from corrosion by Resicoat® epoxy powder coating. This combination extends the service life in comparison with similar products made of steel. MULTI/JOINT® XL is the perfect solution for under and aboveground applications

in water and gas networks. This maintenance free nature ensures a technical life expectancy of 50 years. After all, you do want to guarantee an ongoing supply of water or gas to the end user and prevent future maintenance and repair.

**+ Easy, durable and reliable connections for quick, simple and safe installation**

# Technical specifications

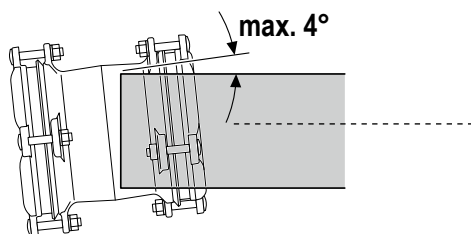
## Specifications

Body	Ductile cast iron GGG45 in accordance with EN-GJS-450-10.
Clamp ring	Ductile cast iron GGG45 in accordance with EN-GJS-450-10.
Coating	Resicoat® epoxy powder coating, type RT 9000 R4, meets the requirements of ACS, Belgaqua, KTW, NSF Standard 61, WRAS. Colour red (RAL 3003). Minimum layer thickness 250 micron, in accordance with the GSK-register.
Rubber gasket	Potable water: EPDM in accordance with EN 681-1. Water and gas: NBR in accordance with EN 682.
Bolts and nuts, washers	Stainless steel A2 (AISI 304) or stainless steel A4 (AISI 316). Bolts are PTFE coated, nuts are galvanised and passivated to prevent galling.
Flanges	PN16 / PN10
Working temperature	-5°C to +50°C.
Working pressure (PFA)*	Up to 10 bar water. Up to 4 bar gas. * For details please check the product catalogue or contact your supplier.
Certificates	ACS, Belgaqua, WRc, ÖVGW, SVGW.



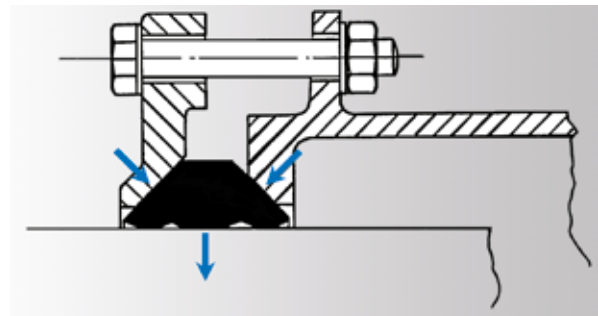
DN (mm)	range (mm)		
DN450	450	-	482
DN500	500	-	532
DN550	548	-	580
DN600	605	-	637

## Nominal angularity\*



\* based on the middle of the range

## Sealing system



## Insert stiffener

In case of connecting PE or PVC pipes, install an insert stiffener.



## Contact information

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