

The solution for transitions from PE
to other pipe materials
DN50 - DN300

MULTI/JOINT[®] PE adaptor



MULTI/JOINT® PE adaptor

Looking for a safe and simple solution that enables you to make a transition from PE100 to all other piping materials? Looking for a safe connection, which decreases the risk of leakages? With the MULTI/JOINT® PE adaptor, a quick and reliable restraint connection can be made. It is the ideal restraint mechanical and weldable connection for a safe, simple and cost effective repair and extension of your network.



The ideal restraint mechanical and weldable connection

Combined advantages

The MULTI/JOINT® PE adaptor enables restraint connections from various pipe materials to PE pipes. Suitable for applications in gas (up to 8 bar) and water (up to 16 bar PFA). This transition fitting combines the advantages of the MULTI/JOINT® 3000 Plus principle and a PE100 pipe (SDR11). On the mechanical connection side of the adaptor you can find the well known MULTI/JOINT® with its wide range restraint technology. Enabling you to make mechanical connections on (ductile) cast iron, steel, PVC, AC and PE pipe material. The other side of the fitting is a prefabricated PE100 pipe. A restraint connection can easily be made with ELGEF Plus electro fusion fittings

or butt fusion. The PE adaptor is a time and stock saving alternative, saving considerably on your total costs.

Fields of application

- Water transport
- Water distribution
- Gas distribution
- Maintenance and repair
- Industrial applications



Your benefits

- Quick, safe and simple installation, saving time and installation costs
- Alternative to traditional steel x PE transition fitting
- No steel welder required
- Suitable for all pipe materials such as steel, AC, (ductile) cast iron, PVC and PE
- Less transitions, meaning less risk of leakages
- Reusable, saving stock and cost
- Maintenance free, design life expectancy of 50 years

Universal fitting connecting PE/PVC



The maintenance free solution





Quick, safe and simple connections

Safe and reliable

Safety is one of the most important topics in gas and water distribution lines. Installing a reliable connection is therefore essential. For the manufacturing process of the MULTI/JOINT® PE adaptor we use the most reliable connection method, that fully complies with the highest safety requirements. You can easily connect the prefabricated PE100 pipe by electro fusion or butt fusion. With these jointing techniques you build a leak free system, creating peace of mind.

Quick, simple and cost efficient

The MULTI/JOINT® PE adaptor can easily be installed without the use of extra accessories. The downtime of the network is limited to a minimum and the distribution of gas and water to the end user is continued as soon as possible. A large variety of connection possibilities is possible with the prefabricated polyethylene pipe ranging from d50 up to and including d315. The traditional Steel x PE transition fitting can be replaced with the MULTI/JOINT® PE adaptor, therefore a certified steel welder is no longer required on site.



The system

MULTI/JOINT® 3067 Plus

DN (mm)	range (mm)		PE diameter (mm)	PE piece length (mm)
DN50	46	- 71	50	429,0
DN50	46	- 71	63	464,0
DN65	63	- 90	63	429,0
DN65	63	- 90	75	460,7
DN80	84	- 105	90	457,8
DN100	104	- 132	90	397,0
DN100	104	- 132	110	397,0
DN100	104	- 132	125	445,5
DN125	132	- 155	110	390,0
DN125	132	- 155	125	390,0
DN125	132	- 155	140	443,0
DN150	154	- 192	160	364,0
DN150	154	- 192	180	430,0
DN200	192	- 232	200	333,0
DN200	192	- 232	225	422,0
DN250	267	- 310	250	294,0
DN250	267	- 310	280	408,2
DN300	315	- 356	315	400,3



Quality and maintenance free


The body and clamp ring of the MULTI/JOINT® PE adaptor are made of ductile cast iron, which is protected from corrosion by Resicoat®, a fusion bonded epoxy powder coating. This makes the PE adaptor resistant to weathering, environmental influences and suitable

for use in gas and water networks. The design life expectancy of the PE adaptor is 50 years, thanks to its maintenance free nature. Interferences and repairs are kept to a minimum, ensuring a constant supply of gas or water to the end user.

+ Quick, safe and simple solution for connecting PE to other materials

Technical specifications

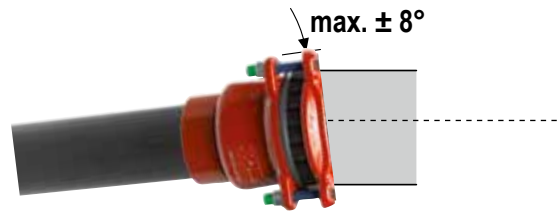
Specifications

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, KIWA. Colour red (RAL 3003). Minimum layer thickness 250 micron, in accordance with the GSK-register.
Varioseal rubber gasket	Potable water: EPDM in accordance with EN 681-1. Water and gas: NBR in accordance with EN 682.
Uni/Fiks ring	Wedge: POM (polyoxymethylene). Topple: glass fibre filled polyamide.
Uni/Fiksers	Stainless steel A4 (AISI 316).
Bolts, nuts and washers	Stainless steel A2 (AISI 304) or stainless steel A4 (AISI 316). Bolts are PTFE coated, nuts are galvanised and passivated to prevent galling.
Working temperature	-5°C to +50°C.
Working pressure (PFA)*	Non restraint: up to PFA 25 bar water and up to 8 bar gas. Restraint: up to PFA 16 bar water and up to 8 bar gas. * For details see user manual or contact your supplier.

Sealing system



Nominal angularity*



* based on the middle of the range

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WA2067/0914/EN

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2014, printed in the Netherlands