

Flexible Couplings

Flexible fittings have numerous advantages in their use when connecting PVC pipes to each other, but they are particularly useful for materials that cannot, or cannot easily, be glued, such as stainless steel, PP, PE, concrete and polyester. The couplings are suitable for all low-pressure pipes such as those used for the discharge of sewage, sanitary waste and rainwater.

Our flexible couplings are all available in metric dimensions and perfectly suited to all standard sizes.

Because the couplings are very flexible, they are also applicable when pipes do not match 100%. They are also great for systems modifications and for test or temporary set-ups, as the flexible couplings can be fitted and removed quickly, without the very labor-intensive and unhealthy gluing of connections.

Flexible couplings can also be used to connect pipes, at temperatures below freezing point, when gluing is not possible. In case of burst pipes (eg due to frost), it is often also possible to quickly make an (emergency) repair using flexible couplings. In addition to the simple fitting, an additional advantage is that the rubbers damp vibrations (eg of pumps) thanks to their flexibility. This helps prevent breakage due to stresses in PVC pipes.

Air-Aqua offers two different qualities flexible couplings. For example, Air-Aqua yields advantageous couplings of NR (natural rubber). Are your quality requirements higher, then you choose the industrial EPDM quality.

Our standard range of flexible couplings consists of couplings, reducing couplings, bends, t-pieces and end caps, ranging from 20 up to a 250 mm. Larger diameters EPDM-couplings up to 975 mm are available on request.

The couplings are of very high quality with robust hose clamps and suitable for repeated use.



The advantages:

- fast connection without gluing
- keeps stress from pipes / prevents breakage
- easy to connect PVC to PE, PP, stainless steel, cast iron, concrete, etc.
- simple transition from metric to inch
- dampens vibrations in pipes
- no harmful fumes of glue / solvents
- can be fitted in frosty conditions
- simple to disassemble and reuse
- easy emergency repairs to pipes
- for connections that do not connect 100%
- wide range of products

The additional advantages of the EPDM couplings:

- pressure close to 0,6 bar pressure
- comply with EN 295-4 and 16397
- European approval for installation of all types of pipes (PVC / PP / PE / concrete, etc), both above (exposed) and in the ground
- extremely good ageing resistance
- hose clips in HD quality, 3Nm/6Nm



Couplings

• 20	• 32	• 50	• 75	• 110	• 160	• 250
• 25	• 40	• 63	• 90	• 125	• 200	

Reducers

• 25x20	• 50x32	• 75x50	• 90x75	• 110x90	• 160x110
• 32x20	• 50x40	• 75x63	• 110x50	• 125x110	• 200x160
• 32x25	• 63x40	• 90x50	• 110x63	• 135x90	• 250x200
• 40x32	• 63x50	• 90x63	• 110x75	• 135x110	

Caps

• 20	• 32	• 50	• 75	• 110	• 160	• 250
• 25	• 40	• 63	• 90	• 125	• 200	

Elbows

• 20	• 32	• 50	• 75	• 110	• 160
• 25	• 40	• 63	• 90	• 125	

Tees

• 50	• 63	• 90	• 110
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EPDM Couplings

• 32	• 50	• 75	• 110	• 160	• 250
• 40	• 63	• 90	• 125	• 200	• 315

EPDM Reducers

• 40x32	• 63x50	• 110x50	• 125x90	• 160x125	• 315x160
• 50x32	• 90x50	• 110x63	• 125x110	• 200x160	• 315x200
• 50x40	• 90x63	• 110x90	• 135x90	• 250x160	• 315x250