

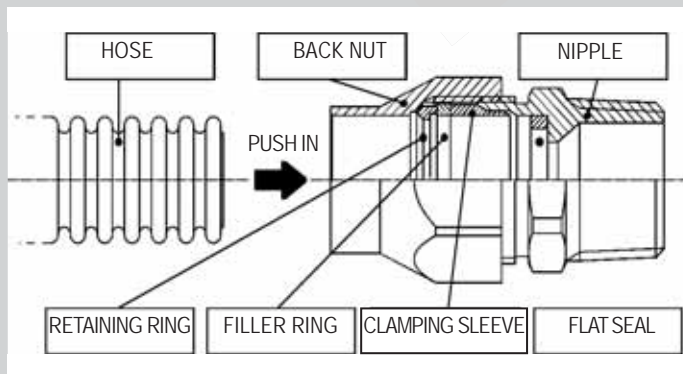
Mounting Instruction Anaflex-Click Hose System.

General:

- With the Anaflex-Click system it is not necessary to disassemble the fitting before mounting. The fitting is pushed on the hose in one piece.
- If preferred, it is possible to pre-mount the fitting in the installation first and push-in the hose later. See chapter Mounting for further instructions!

Cutting of the hose:

- To do this, use a small model pipe cutter or hacksaw.
- Always cut off the hose square, in the valley of a corrugation and remove excessive burrs.



Mounting of the fitting:

- Loosen the back nut of the fitting half a turn to create space for the retaining ring.
 - Now push the hose into the fitting until the end of the hose is pressed against the inside flat seal.
 - Fasten the back nut half a turn. Now the fitting sits secure on the hose and is still able to swivel (with the fittings still able to swivel, the hose can be easily build-in in the installation).
 - In order to achieve a pressure-tight connection turn the back nut for 2-3 full revolutions with a spanner. While doing this it is important to secure the hose by hand. This to prevent torsion on the hose!
 - Do not tighten the back nut too far in order to avoid overload!
- In case it is necessary to disassemble the fitting after a pressure-tight connection was achieved it is recommended to replace the entire fitting. This because of distortion of the retaining ring and sealing rings, re-use cannot be guaranteed!
- Always perform a pressure test at the maximum operating pressure before putting the installation in operation.

Note:

In case condensation of the fittings in cold water systems cannot be prevented by a dew point control, there is a need for additional measures in order to avoid stress corrosion. Also, ammonia and chlorinated environments, such as caused by certain types of isolation and glue, are always to be avoided. Damage due to stress corrosion is explicitly excluded from the product liability.

Materials and construction:

Flexible parallel corrugated hose made of thin-wall stainless steel AISI-316L.

Fitting composed of 6 parts (see image page 1):

- The back nut, retaining ring, filler ring and nipple are made of nickel plated brass.
- The clamping sleeve is made of Teflon (PTFE).
- The flat seal is made of silicone rubber.

Temperature range is 0°C till +110°C (higher temperatures up to +250°C in consultation with Anamet).

Storage and handling:

Never store the hoses in an aggressive chemical environment and do not use harsh cleaning agents. This can cause serious corrosion. In particular, chlorine and ammonia-containing environments must be avoided. First check a chemical resistance table before in- or external cleaning of the hoses to make sure the cleaning agent has no negative effect on hose or fitting material.

Protection:

Handle the hoses with care and avoid mechanical damage during transport and assembly. Protect the hose during welding and grinding activities in the direct proximity against sparks by means of a heat protection (no plastic).

Prevent that cement waste or solder agents end up on the metal hose, since this can lead to corrosion. Use of chlorine and ammonia-containing insulation materials is not allowed.

Mounting:

- Never bend the hose directly behind the fitting, keep a minimum 10 mm of flexible hose length straight.
- Do not bend the hose further than the minimum static bend radius (center line):
- Do not put more pressure on the hose the indicated maximum working pressure:

Inside Diametre	Minimum Static Bendingradius	Maximum Working Pressure
DN 12	45mm	12 Bar
DN 16	60mm	10 Bar
DN 20	70mm	8 Bar

- Never apply force with tools such as pliers on the corrugated hose itself.
- Avoid frequent bending of the flexible hose during assembly.
- Prevent torsion of the flexible hose during assembly as well as during operation.
- Prevent axial compression of the hose during assembly as well as during operation.
- Make sure the hose is not damaged by objects in its surrounding or is obstructed in its movements.

Note: In case of leakage or damage of a hose, do not disassemble without first consulting Anamet Europe B.V.. Anamet Europe B.V. does not accept claims for warranty in event of failure in cases where this instruction is not followed correctly.

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