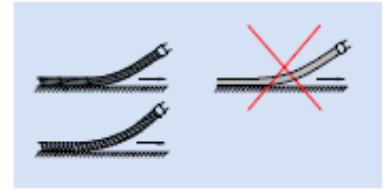
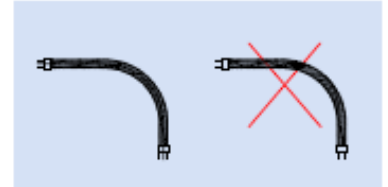


Length Cutting and Assembly information for PU Spiral Hoses

Do not pull, or drag over the floor, prevent mechanical stress on the outside surface of the PU spiral hose.



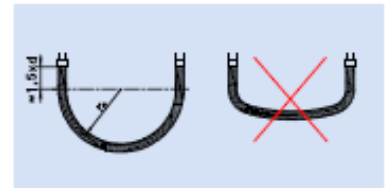
Join hoses free of torsion.



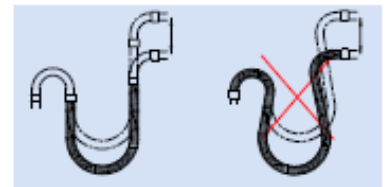
Avoid too strong bending stress by the use of a roll or a hose saddle corresponding to the allowed bending radius.



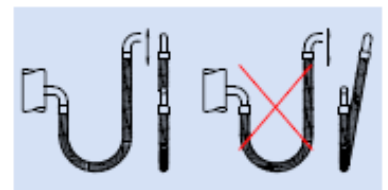
Install the hose conduit as 180° arc with sufficient straight ends as illustrated. Measure the installation distance according to the required bending radius.



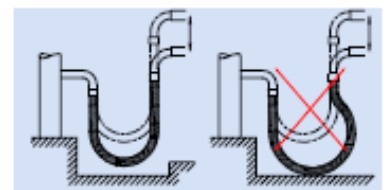
Avoid irregular distortion directly behind the connection armatures. Note the minimum bending radius.



Guide motion and hose axis should lay in the same surface plane. Thus prevents any damaging torsional stress.



Arrange hose conduits that way that they do not come into contact with ground, walls or other objects.



Length Cutting and Assembly information for PU Spiral Hoses

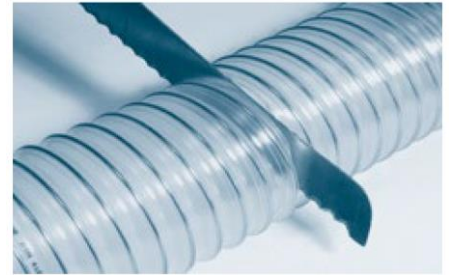
Work safety regarding working with a knife:

- ✓ Always wear cut-resistant gloves
- ✓ Arms must be held in parallel position. Do not cross arms while cutting.
- ✓ Hold the hose a minimum safe distance of 10cm from the cutting tool.

Cutting of spirally reinforced plastic hoses

Step 1:

Cut through the hose material, preferably with a serrated knife.



Step 2:

Snip the supporting spiral with wire pliers.



Length Cutting and Assembly information for PU Spiral Hoses

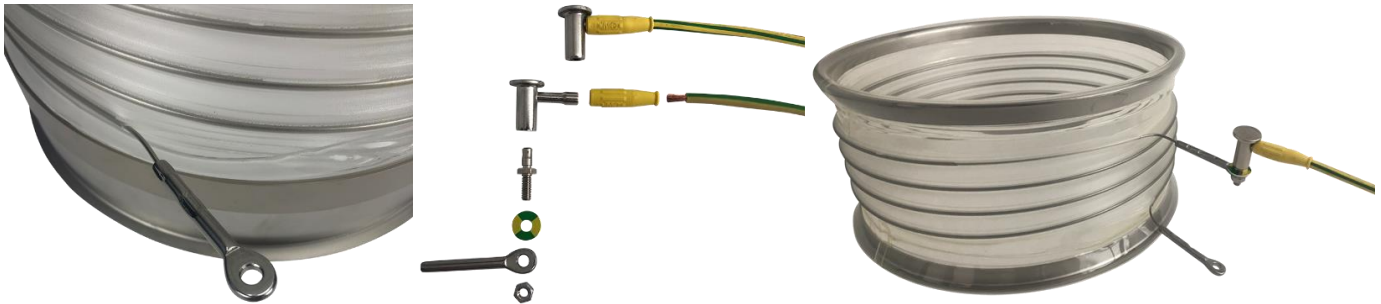
Grounding / Earthing for protection against electrostatic charging

Effective and permanent grounding of all installation components (including hoses and hose fittings) provides protection against disruption to media flow or ignition of explosive atmospheres. Please note our corresponding data sheet electrostatic charging.

Variant 1:

Hygienic solution

Expose the spiral and crimp on terminal lugs for bolting on a wire or a quick connection plug.



Variant 2:

Expose the spiral, bend it to the inside and insert the conductive hose fitting or machine tube.

Variant 3:

Expose the spiral and fix it, for example, by a rivet or screw.



Length Cutting and Assembly information for PU Spiral Hoses

Leak Proof Assembly

A satisfactory seal can be assured when using:

Jacob Coupling

FSC and FDM version with Jacob couplings for quick connect clamps.
For easy air-tight connections.
These are premade to your requested length.



Tri-clamp coupling

LFR and LFRc version with Jacob couplings for quick connect clamps.
For easy air-tight connections.
These are premade to your requested length.



Length Cutting and Assembly information for PU Spiral Hoses

Special Spiral Hose clamps

Formed band that fits over the spiral and is clamped down between the spiral grooves.



We do not recommend the use of standard hose clamps; these will cause leakage.

Leaking media can pose a threat to people and the environment, as well as causing problems and reduced efficiency.

Leaked dust and media are also considered a fire and explosion hazard.

