

Solar Thermal Fitting range



Fittings

- **Schüco produce a range of high quality fittings specifically designed for the Schüco Solar Thermal system**

Array connector set – premium line

- Made from high quality brass resistant to high temperatures
- Nickel coated surface to protect against stress corrosion
- Steam tight and waterproof connections
- Highly flexible corrugated tube to allow for ease of installation
- UV resistant material
- Sensor is included in insulation
- Allows for hard soldering to copper piping.



Connector set .2– Premium line

- Used to connect the pipes to a SchucoSol.2 collectors array.
- Made from high quality brass resistant to high temperatures
- Nickel coated surface to protect against stress corrosion
- Highly flexible stainless steel corrugated tubing
- Steam tight and waterproof connections
- Insulating material made from synthetic rubber
- Insulating material also UV-resistant.



Elbowed fitting .2– Premium line

- Used as an alternative method to connect the pipes to SchucoSol.2 collectors
- Made from high quality brass resistant to high temperatures
- Nickel coated surface to protect against stress corrosion
- Steam tight and waterproof connections
- Insulating material made from synthetic rubber.



K Connector – Compact line

- Consists of 2 elbow compression fittings and a 260mm length of copper pipe
- Used to connect 2 SchücoSol K or K positioned each next to or above each other.
- Made from high quality brass resists high temperatures
- Nickel coated surface to protect against stress corrosion
- Steam tight and waterproof connections
- Insulating material made from synthetic rubber
- Insulating material also UV-resistant.



Connector – premium line

- Straight compression fitting used to connect 2 SchucoSol collectors positioned alongside each other
 - Made from high quality brass resistant to high temperatures
 - Nickel coated surface to protect against stress corrosion
 - Steam tight and waterproof connections
 - Insulating material made from synthetic rubber
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- Also available for the SchucoSol.2 collectors.



Short 180° connector – premium line

- Used to connect 2 SchucoSol collectors mounted in portrait position above each other or two positioned in landscape position
- Highly flexible tube allows to take up installation tolerances
- Also available for SchucoSol.2 collectors.



Expansion bend – premium line

- Used to connect 2 SchucoSol G.2 collectors mounted in portrait positioned alongside each other and connected in series.
- They enable a direction-based expansion of the manifolds.



Connection set K for collector array – compact line

- Used to connect the pipes for the collector array on a SchucoSol K system
- Flexible to allow for easy positioning from the roof in to the building
- Includes temperature sensor.



Pipe connectors – compact line



Connector

Used to join collectors together



T joint

Used to join pipes together



In line Connector

Used to connect the collector array connection sets to the collectors



Elbowed fitting

Used to join pipes together and collectors to pipe work.

Hydraulic fixed bearing

- Used to connect 2 SchucoSol .2 is equipped with an internal compensator used for large collectors
- This helps to compensate for the expansion of the collecting pipes
- Every collector requires 2 hydraulic fixed bearings for fixing the collector pipes

