

## // SITESUN

Our company has been always engaged in developing renewable energies while encouraging all and every interesting prospect that technology may offer aimed to reduce CO2 emissions. Based on these principles SITEF has developed a vital tool to improve functionality within the field of renewable energies, mainly solar energy. Sitesun is the corrugated hose manufactured by SITEF and 'specifically' intended for quick heat exchangers fitted inside accumulation boilers.

Heat is exchanged via the corrugated hose so that the passing domestic water is heated by the hot water stored in the tank. The corrugated structure allows a significant increase of the exchange surface (up to 50% more) with the same length of a coil. Total hygiene is guaranteed thanks to the AISI 316L used, an austenitic stainless steel highly resistant to corrosion. This characteristic also allows using thin elements which results in a quicker heat exchange. The hose is made and supplied in coils.

Upon request, this hose can be manufactured complete with specific welded fittings to be fitted inside the tank following customer's specifications.



**Application:** quick heat exchangers fitted inside accumulation boilers.

**Hose:** parallel waves configuration. Corrugated structure made of AISI 316L austenitic stainless steel, thin walls (0.20; 0.25; 0.30; 0.40 mm thick) depending on the hose diameter.

