

Clean Heat Energy Saving Solutions(Pty) Ltd, founded in 2008 with our Head Office based in Lanseria, the business focuses primarily on the production and manufacturing of Solar Water Heating(SWH) Systems and Evacuated Tubes.

In recent years Clean Heat has expanded it's product line to include Corrugated Stainless Steel Tube, PV Solar Panels and LED Lights.

Pursuing our motto "*Be part of the solution*", we intend to reduce carbon emission in our polluted environment, rebuilding and recreating a healthier habitat for now and the future.

BE PART OF THE SOLUTION

**Clean Heat Energy Saving
Solutions (Pty) Ltd**

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CORRUGATED STAINLESS STEEL TUBE



**CLEAN
HEAT**

Energy Saving Solutions (Pty) Ltd
Solar Geyser Manufacturer



Corrugated Stainless Steel Tube

Grade 304L Steel
15mm Tube

In accordance with SANS 10252-1

Specifications

	CSST
Material	ASTM A312 Tp 304L
OD (Outer Dimension)	15.83mm
ID (Inner Dimension)	12.68mm
Wall Thickness	0.22mm
Bending Radius	25mm
Temperature Range	-40°C - 150°C
Length	30m



Basic Fittings

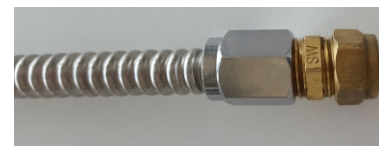
- Brass fittings may be used in CSST installations in South Africa for attachment to fixed sanitary appliances, valves and other accessories



* CSST Tube, CSST Fitting, Half Moons, High Temp Washer, Compression Fitting



*CSST & Joint assembly



Why is Corrugated Stainless Steel Tube Preferable?

- Cost effective
- Less components are needed for installation
- Corrugations makes tube flexible
- Lightweight material
- Supplied in various roll lengths
- Quick and easy to install
- Has high resistance to high temperatures, fire and corrosion
- Resistant to high pressure
- In accordance with SANS regulations can be used on building exteriors
- Lifespan over 50 years under standard conditions
- Is more durable and abrasion resistant
- Low theft value compared to copper pipe

Applications

- Solar Heating Systems
- Residential, commercial and industrial hot and cold water systems
- Pipeline systems for conveying drinkable water
- Air conditioning
- Coal & LP Gas
- Oxygen distribution (hospitals & clinics)

CSST is designed to replace traditional rigid copper, steel and MLP pipe on hot and cold water systems. It is not intended for applications in which during or after installation it will be subjected to repeated bending, CSST should not be used as a flexible connector to a movable appliance.

CSST has a higher corrosion resistance than that of Copper and MLP pipe under standard conditions making it a more suitable option for installations.

