

Technical Notice

Water heater correct piping and fittings



2020

Hansen Water heaters strongly recommends using the following tubing and fittings on our water heaters

LLDPE (Linear Low Density Polyethylene)
Size OD 12 mm ID 9 mm
Pressure Rating 3 Bar at 70 deg c

Fitting procedure

STEP 1

Heat the the tube with a heat Gun DO NOT use an open flame



STEP 2

Gentle push the heated pipe Over the water fitting barb



STEP 3

Crimp the 2 ears on the supplied Oetiker clamp



STEP 4

Repeat the process for Both supply pipes



STEP 5

Connect to the supply pump And taps using supplied "T" and Elbows



Supplier List

LLDPE tubing 12mm
Vogel Plastics
Contact person Jurgen 083 776 1078
Cost R 4.65 per m ex vat MOQ 1000 m (Red and Blue available)

Oetiker Clamps 13-15 mm (OE2-1315-7-5W1)
International clamps 011 809 6500
Contact Person Rudy
<http://www.clamps.co.za>
Cost R407 per 100, MOQ 100pcs

Elbows and T fittings 12mm ID
APG Industrial
011 573 0900
www.apgonline.co.za
Cost
Elbow R13.10 Each
T R17.80 Each



**LLDPE Max 3 bar
Temperature 70c**

Cost example

Large size Caravan Example
16m LLDPE Tubing R 75
Elbow connectors x 10 pcs R131
T connectors x 4 Pcs R 72

TOTAL cost R278 Ex vat



**PVC Max 3 Bar
Temperature 55c**