

## Insulated Pipes outside

### Our motto:

*independence through renewable local energy sources and intelligent heating solutions.*

We are the distributor of clean non-polluting wood stoves/wood boilers and solar or wind generated power solutions for all your energy needs placed in Nova Scotia for customers all over Canada.

In our product range you will find wood stoves – wood boilers, solar space heating systems, solar domestic hot water systems, individual solutions and requirements, storage tanks, pump stations, controlling systems, corrugated insulated pipes and pipe insulation as well as power producing PV Systems and wind turbines.

We are a system provider for renewable heating and power solutions.



Therefore the collectors are outside most time on the roof the pipe connection demands special requirements. We prefer integrated tube system, consisting of:  
Insulating material made of EPDM covered with polyester wire mesh. Stainless steel corrugated tube.

### For example:

Stainless steel corrugated tube:

Material no.: AISI 316L with a temperature range of - 454 °F to + 1112 °F.

Recommended pressure at +392 °F 5/8" / 159 psi; 3/4" / 159 psi.

Bursting pressure 5/8" / 3/4" higher 478 psi.

Insulating material made of EPDM, light, flexible, closed-cell, synthetic rubber; PVC and CFC-free.

Flammability and smoke density:

Self-extinguishing according to ASTM D 635 and Class V0 according to UL-94.

No embrittlement of copper and stainless steel tubes according to DIN 1988 Part 7;

dimensions according to DIN 52 275-2.

Long term thermal stability up to + 257 °F; short term up to + 347 °F (stagnation temperature of collectors).

Characteristic value of thermal conductivity at + 104 °F (+ 40 °C)