ICEROCK PIPE LAGS

PRODUCT SHEET

DESCRIPTION
The Icerock mineral wool Pipe Lags are made from non-combustible, bio-soluble, basalt fiber. The fiber is mainly made from pure Icelandic basalt, consist of silicon oxide with a number of other metallic oxides. The basalt is melted by hydro electric power, spun into fibers and binder added.The use of high performance melting and spinning technology ensures excellent consistency and high quality level. The Icerock mineral wool is water repellent, chemically inert, vermin and root proof. The Icerock Pipe Lags are trapezodial strips cut from Icerock ridgid slabs. The Pipe Lags are suitable for thermal insulation of process pipework with outside diameter ranging from 168mm, and can also be cut to fit small diameter vessels and tanks.

OPERATING TEMPERATURE
The limiting temperature of the fiber is more than 1000°C but the Pipe Lags should not be used where temperatures are continuously above 220°C.

STANDARDS
The Icerock slabs are produced according to EN 13162:2001 and are non-combustible when tested in accordance with EN ISO 1182. The Icerock products are bio-soluble and fulfill the criteria of guideline 97/69/EU, appendix Q.

QUALITY CONTROL
The Icerock products are CE certified according to Directive 89/106/EEC and quality control is carried out independently by the Icelandic Building Research Institute.

DIMENSIONS AND DENSITIES
The ICEROCK Pipe Lags are made from 150 kg/m3 slabs. Thickness and number of Lags per circumference is chosen according to requirements and diameter.

THERMAL CONDUCTIVITY
The Lambda values of the Pipe Lags are:

Temp	Thermal conductivity
10 °C	0,033 W/m°C
50 °C	0,036 W/m°C
100 °C	0,040 W/m°C
150 °C	0,046 W/m°C
200 °C	0,053 W/m°C

PACKAGING
Pipe Lags are packed in PE foil, and delivered on pallets.

REFERENCES
Icerock Pipe Lags have been successfully used since 1987 in connection with huge geothermal projects in Iceland such as the powerplants at Nesjavellir and Svartsengi and the 23 km long, 800 mm pipeline from Nesjavellir to Reykjavík was insulated with 110 mm thick ICEROCK Pipe Lags already in 1989.

CUSTOMER SERVICE
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