



THINFLEX PRO

Heating film, or heating foil, also referred to as carbon heating film, is a high-quality infrared heating product used in modern underfloor heating, like floating floors, laminate, carpet or parquet. The infrared heating consumes 30% less electric energy than electric heating and over 50% less energy than conventional heating systems like oil boiler.



Compared to other electric heating systems, the energy from heating film converts into infrared rays without any energy waste. It consists of two copper strips, which works as the electrical power conductor. Due to its parallel structure our heating film lets you to heat the whole house efficiently and evenly.

Our heating film not only provides cozy warmth, prevents germ or mold growth, but also its healthy infrared ray is a gentle boost for your immune system. It is perfect for rooms with children, senior citizens and patients.

Thinflex PRO is a **full-surfaced 7fold-plyed 6fold-insulated** carbon heating foil with extraordinary high efficiency.

Features

Easy Do It Yourself Install

Use highly-efficient conductive ink technology

Consumes up to 50% less energy than traditional heating systems

Compatible with many floor materials

Extremely thin & durable

Disperses an evenly consistent heat

Low warm-up time

The differences to other heating foils

Full-surface carbon foil, full heating of its entire surface

Film length can be shortened anywhere as needed

Foil allows for round or heart shapes

Damage to the carbon surface doesn't lead to failure of heating

Consists of 6 protective layers thus extremely durable

installation under concrete and screed allowed

can be installed under furniture

Specifications

Operating voltage: 220-240 volts

Max. power consumption: 150Watt/m²

Material: Carbon Fiber

Film width: 100cm (=2x50cm, seperable)

Heating area: 95.5cm

Active heating area pro m²: 96%

IR wavelength: 7-14 micrometer

Temperature resistance: up to 100 ° C

Efficiency: 98%

Max. film length: 7 meters one roll

Length cuttable: as wish

Material thickness: 0.466 mm

Insulation: 7-ply, 6-fold insulated

Application: wall heating, ceiling heating