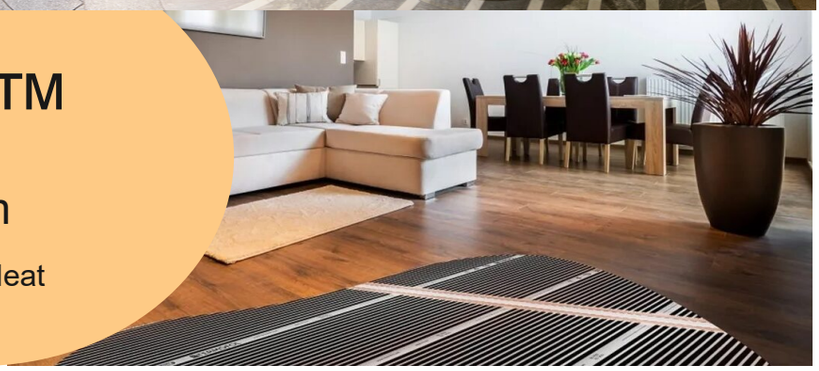
CARBON WARM™

Carbon Nanostructured Heating Film

Aereospace Technology for a Superior Therapeutic Heat



DESCRIPTION

Our Heating Film, is manufactured with a proprietary process.
Carbon Nanostructures are printed onto heat resistant PET film.
To supply power to carbon nanostructures, two strips of copper wires are placed at each side of the film. With I²T Heating Film, far infrared rays and anions are also emitted. The way I²T carbon nanotubes are produced allows the generation of specific far infrared heat waves that allow therapeutic heat generation. Moreover, anions discourages germ growth and promote human metabolism, providing a healthy heating environment.

KEY FEATURES

- Low electromagnetic waves
- Emits anions and far infrared rays
- discourages germ growth and deceases odor.
- No noise, No flame, No dust when heating.
- Suitable for day cares and hospitals
- Costs 70% less than electronic panel
- Costs 50% less than oil operated boiler.
- Simple mechanism reduces system failure.
- Easily removed when remodelling the surface
- Promotes circulation
- Extremely High Efficiency - 66% Infrared and 33% Convective
- CE - ROHS - ISO 9001 Certification
- Electromagnetic Compatibility Directive 2014/30/EU

SPECIFICATION DATA

Voltage	220V
Current	1A/m
Power	220W/m²
Width	100 cm
Coil Length	100 m
Thickness	0.42 mm
Cutting Line	25 cm
Basement Membrane	Aereospace PET
Max Temperature	80°C
Efficiency	99.8%
Equivalent COP	4.1
Mechanical Strength	130GPa
Thermal Conductivity	5000W/(m·K)
Infrared Emission	3μm-15μm
Lifespan	100 Years
Warranty	10 Years
Certifications	CE ROHS ISO9001
Power Transmission Layer	SILVER
Minimum Order Quantity	3000m²

CONTACT US
Website: www.i2tholding.com
Email: relations@i2tholding.com