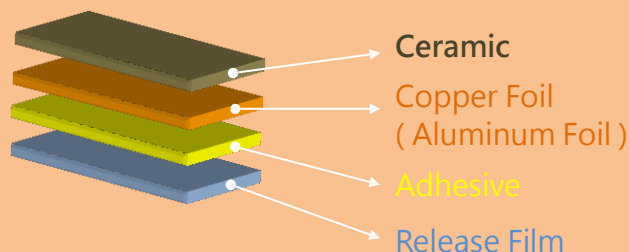


DIFFUSION FOIL™ DF-400 / DF-200

Feature

DF-400/DF-200 is a composite of high thermal dissipation nano-ceramic and copper (aluminum) foil. It has good abilities of thermal radiation and thermal conduction. Its thickness can be adjusted. DF-400 can be folded as many kinds of modules.

Structure



Advantage and Characteristics

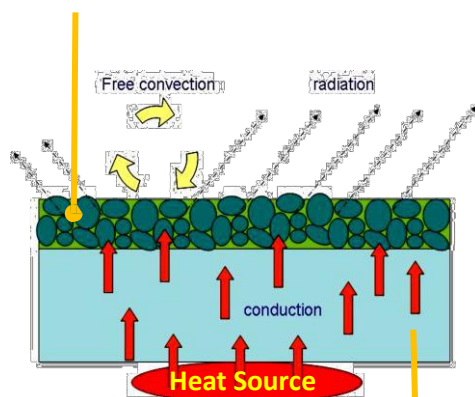
- Combines good thermal diffusion of metal
- Contains diffusion, convection, and radiation of ceramic
- Can be folded as many kinds of modules
- Can be stuck firmly onto several kinds of materials

Properties of DF-400 Series

Property	DF-400C	DF-400N	DF-200	Unit	Test Method
Color	Tan	Gray		-	Visual
With Fiberglass Net	Cu		Al	mm	ASTMD374
Standard Thickness	0.07		0.09	mm	ASTMD374
Available Thickness Range	0.05~1.00			mm	ASTMD374
Thermal Conductivity Ceramic Composite	300		200	W/mk	ASTMD5470
Voltage Breakdown	-		0.8	kVa-c	ASTMD149
Voltage Breakdown(Insulation)	>3			kVa-c	ASTM D149
Operating Temperature	-20°C~+150°C			°C	-
ROHS Compliant	pass			-	SGS
Specification	600mm x 50m				

Application

Ceramic: Thermal dissipation



Metal: Thermal absorption

Better Heat Dissipation

