

PERFORMANCE

产品性能表



铝基覆铜板 Al Base CCL

产品型号 Type	导热率 Thermal Conductivity	热阻 Thermal Impedance	耐压 Dielectric Breakdown	Tg
T110	1.5 W/m.k	0.65°C / W	6KV	100°C
T111	2.0 W/m.k	0.55°C / W	6KV	100°C
T112	3.0 W/m.k	0.45°C / W	6KV	100°C
T112B	4.0 W/m.k	0.35°C / W	6KV	130°C
T112C	5.0 W/m.k	0.25°C / W	6KV	155°C
T113	2.0W/m.k	0.55°C / W	6KV	170°C
S111	2.0 W/m.k	0.55°C / W	6KV	130°C
S112	3.0 W/m.k	0.45°C / W	6KV	130°C
S113	2.0 W/m.k	0.55°C / W	6KV	170°C

铜基覆铜板 Cu Base CCL

产品型号 Type	导热率 Thermal Conductivity	热阻 Thermal Impedance	耐压 Dielectric Breakdown	Tg
T511	3.0 W/m.k	0.35°C / W	6KV	100°C
T512	4.0 W/m.k	0.25°C / W	6KV	100°C
T513	3.0 W/m.k	0.35°C / W	6KV	170°C
S511	3.0 W/m.k	0.35°C / W	6KV	130°C
S512	4.0 W/m.k	0.25°C / W	6KV	130°C
S513	3.0 W/m.k	0.35°C / W	6KV	170°C

铁基覆铜板 Fe Base CCL

产品型号 Type	导热率 Thermal Conductivity	热阻 Thermal Impedance	耐压 Dielectric Breakdown	Tg
T311	2.0 W/m.k	0.60°C / W	6KV	100°C
T312	3.0 W/m.k	0.50°C / W	6KV	100°C
T313	2.0 W/m.k	0.60°C / W	6KV	170°C
S311	2.0 W/m.k	0.60°C / W	6KV	130°C
S312	3.0 W/m.k	0.50°C / W	6KV	130°C
S313	2.0 W/m.k	0.60°C / W	6KV	170°C

CODING RULE

产品编码规则



X - X X

TOTKING
产品系列名

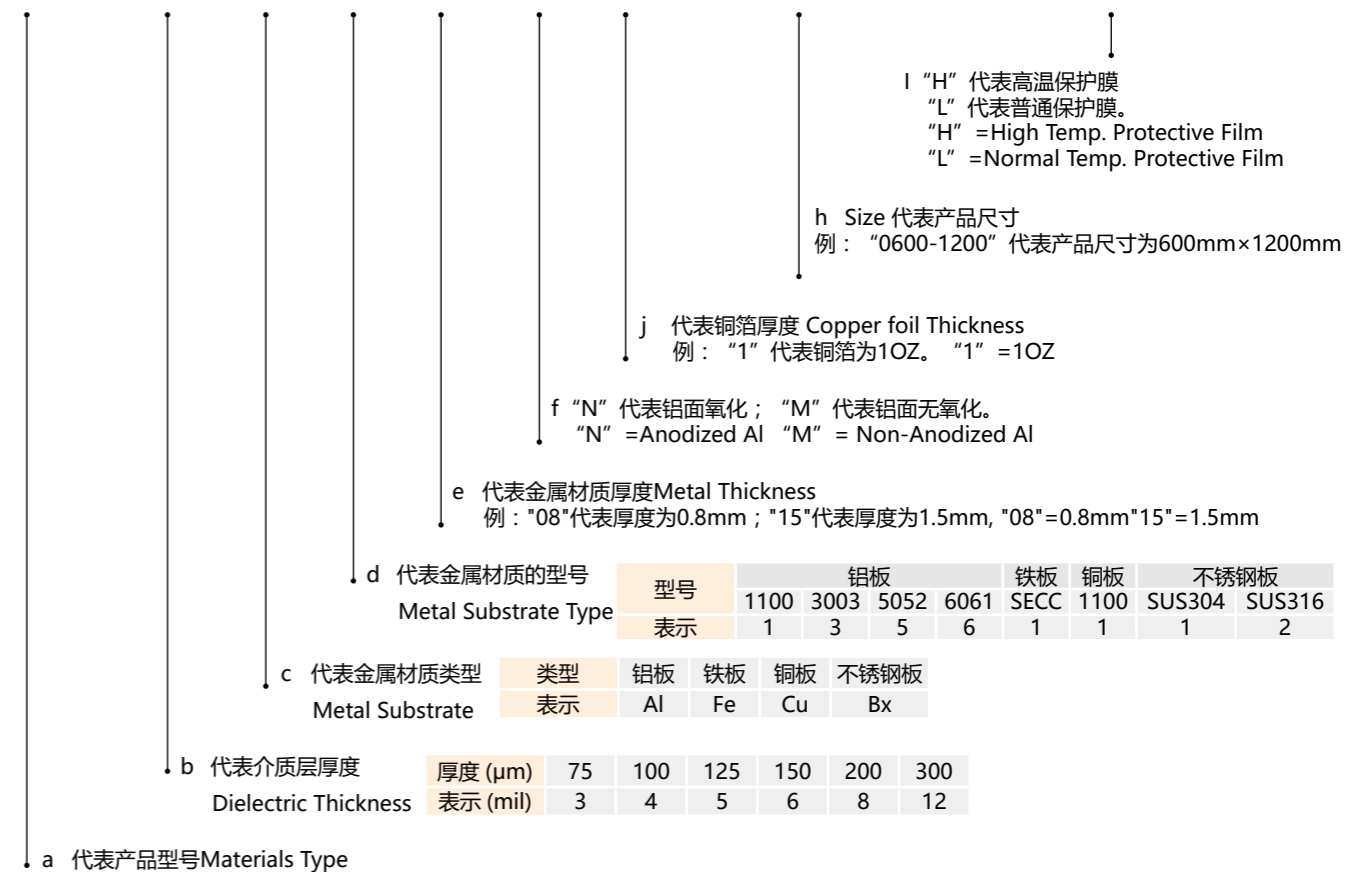
金属材料
Metal Material:

类型
Type

- | | |
|-------------------------------------|---|
| 1-铝基
Aluminum Substrate | 10-普通型
Normal |
| 2-覆厚铜箔
Thick Copper Foil | 11-标准导热型
Standard Thermal Conductivity |
| 3-铁基
Ferrum Substrate | 12-高导热型
High Thermal Conductivity |
| 4-不锈钢基
Stainless Steel Substrate | 13-高 Tg
High Tg |
| 5-铜基
Copper Substrate | 14-高耐热型
High Thermal Stability |

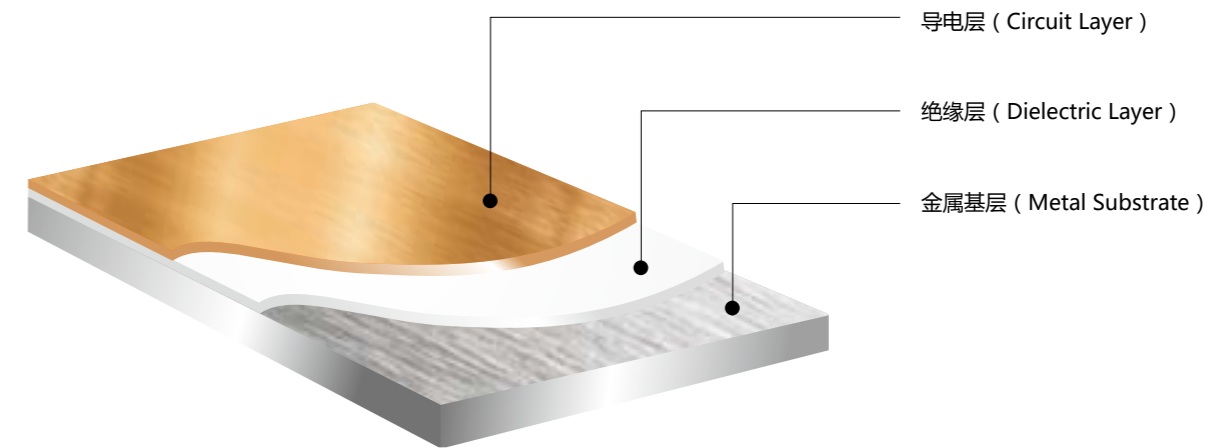
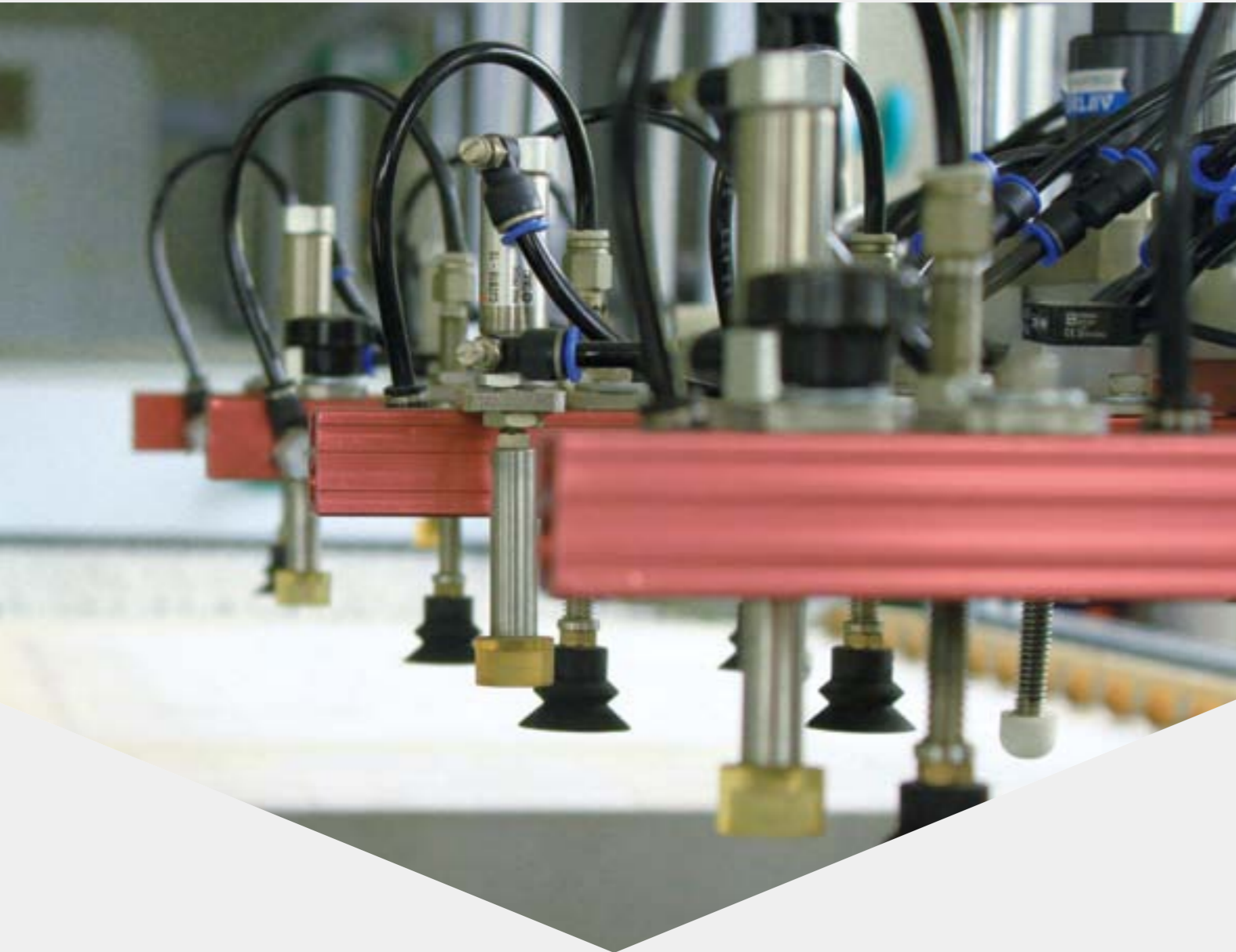


T110-3-AL 5 15 N-1-0600-1200 H



STRUCTURE

产品基本结构



导电层 — 铜箔

绝缘层 — 陶瓷聚合物

金属基 — 铝板、铁板、不锈钢板、铜板等。

Circuit Layer - Copper foil

Dielectric Layer - Ceramic based polymeric materials

Metal Substrate - Aluminum, Ferrum, Stainless steel, Copper etc

标准尺寸Size	层Layer	材料Material				
480mm×600mm 600mm×1200mm	导电层 Circuit Layer	H oz		17.1μm		
		1 oz		34.3μm		
		2 oz		68.6μm		
		3 oz		102.9μm		
		4 oz		137.2μm		
		6 oz		205.8μm		
		10 oz		343.0μm		
	绝缘层 Dielectric Layer	3mil	4mil	5mil	6mil	8mil
		75μm	100μm	125μm	150μm	200μm
	金属基层 Metal Substrate	0.5mm		0.8mm		
		1.0mm		1.2mm		
		1.5mm		2.0mm		
		3.0mm		3.2mm		

如有特殊要求，可定制Non-standard spec materials can be considered/ordered.