

TT METAL LAMINATED FILM

水轉印膜·熱塑轉印膜·TT金屬密著膜·ET模內複合膜·彩色防水透濕膜·水轉印專業加工·整廠設備技術輔導
WATER TRANSFER PRINTING FILM / THERMOFORM TRANSFER PRINTING FILM / TT METAL LAMINATED FILM / ET IN MOLD COMBINATION FILM /
COLORFUL BREATHABLE & WATERPROOF FILM / PROFESSIONAL WATER TRANSFER PRINTING SERVICE / EQUIPMENT & TECHNOLOGY TRANSFER

A. INTRODUCTION TO TT METAL LAMINATED FILM

IFFA TT Metal Laminated Film is abbreviated as TT Film, it is made up by special co-extrusive polyester film and specific formulated paint from CCH. TT Film is possessed of good adhesiveness, the flexibility, and has the outstanding anti-UV, anti-chemical, anti-scratch, dirt-proof and weather-proof characteristics. The process to decorate metal material is simple, and integrates coating and lamination. The finished products with brilliant visual effect usually accompany additional value, and the film material is green, no-toxic, and no halogen even can be used for food containers, with the extreme possibility to replace PVC or PVDF.



B. THE TECHNICAL PROCESS OF METAL LAMINATION

The finishing process of IFFA TT Film by a synthetic equipment integrates pre-treatment, coating, baking, lamination, protection and cutting in one time decoration and production for steel panels or aluminum-plastic panels.

a. Prior Treatment:

Uncoil the continuous metal roll in the machine, and proceed it by chemical processing to improve the later adhesion between the metal surface and the primer.

b. Primer Coating:

Dry the metal roll by air knife and infrared rays, and coat it with primer and then for baking.

c. TT Film Lamination:

Draw TT Film into the laminator for the lamination with baked metal roll.

d. Plastic Elastomer Extrusion:

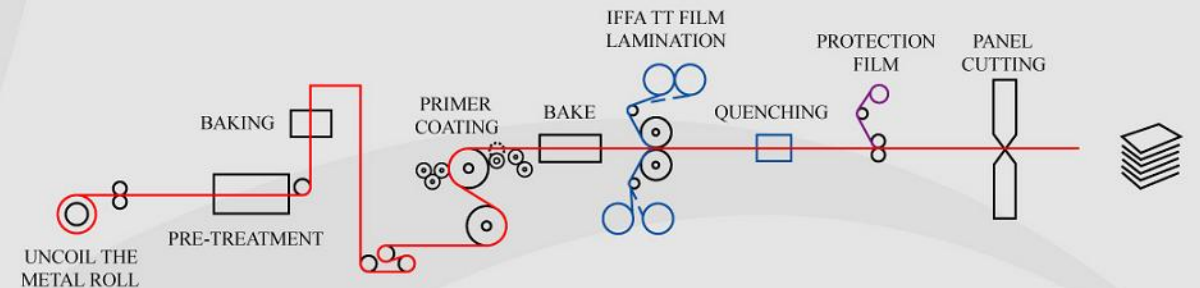
Induct the liquid PE or PP and extrude the plastic elastomer on the other aluminum roll (this step is only for aluminum-plastic panels).

e. Combination:

Combine the TT film laminated aluminum roll and the other roll with plastic, and quench it after combination (this step is only for aluminum-plastic panels).

f. Cutting:

Add one more membrane on the surface of finished metal roll for protection, then scrape the unnecessary film and cut the metal roll into panels by required size.



C. APPLICATIONS

a. Household Appliances

The colorful steel panels decorated by TT film are usually well applied to utility household appliances such as cookers, refrigerators and washers.

b. Building Materials

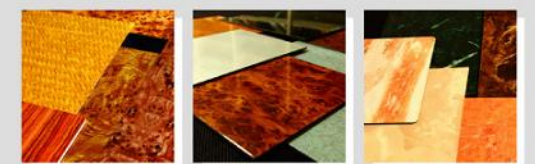
The colorful steel panels and aluminum-plastic panels decorated by TT film are usually applied to ceilings, partitions, walls, coach and elevator interior because of the great dust-proof and moisture-proof characteristics; they are also used for outdoor building materials since they can achieve excellent anti-UV performance.

D. WHAT CCH OFFERS

IFFA TT Metal Laminated Film is usually applied to building materials and household appliances, therefore, CCH supplies over 100 popular patterns such as wood grain, stone grain, metal grain and carbon fiber. However, CCH designers also can provide the service of customized designs. Besides, CCH technical team will assist customers to adjust the finishing process for efficiency and have the correct operation for mass production.



成昌興企業股份有限公司
CHENG-CHANG-HSING INDUSTRIAL CO., LTD.



成昌興企業股份有限公司
CHENG-CHANG-HSING INDUSTRIAL CO., LTD. (CHANG-HUA)
彰化縣和美鎮頭前里和頭路612巷37號
NO. 37, Lane 612 He-tou Road, Tou-cian Village,
He-mei Town, Chang-hua County 50851, Taiwan
TEL: 886-4-7573111
TEL: 886-4-7575661
E-mail: cchcubic@ms36.hinet.net

彩衣塑膠制品有限公司
CAI-YI PLASTIC PRODUCT CO., LTD. (DONG-GUAN)
廣東省東莞市大朗鎮松木山黃竹溪工業區
Huang-zhu-xi Industrial Zone, Song-mu Mountain,
Da-lang Town, Dong-guan, Guang-dong Province, China
TEL: 86-769-85191428
TEL: 86-769-85130428
E-mail: cchcubic@pie.com.tw

昆山彩衣辦事處
CAI-YI OFFICE (KUN-SHAN)
TEL: 86-512-55172628
FAX: 86-512-55172722
E-mail: caiyi-kunshan@cchcubic.com.tw