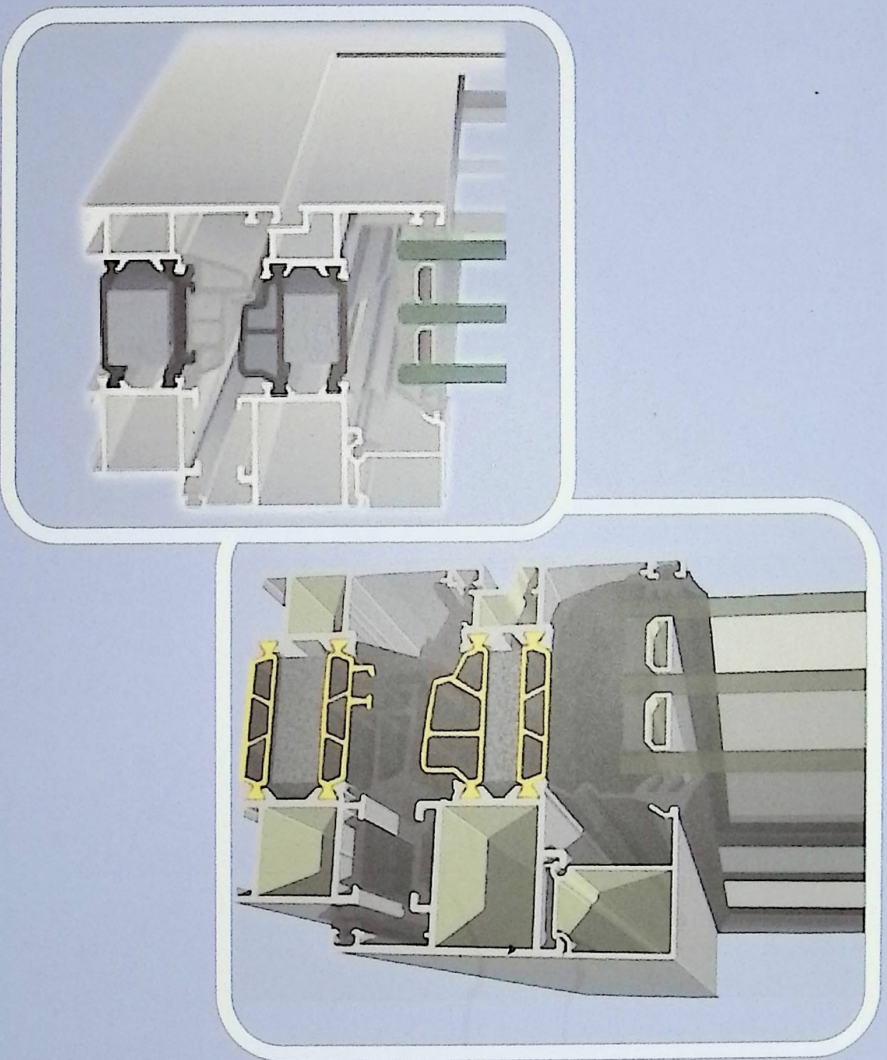




## PA66GF25 隔热条 Thermal Barrier Strip

设计制造专家 Design & Manufacture Expert



上海优泰装饰材料有限公司

Shanghai Youtai Decoration Materials Co., Ltd

# 公司简介 Profile

上海优泰装饰材料有限公司是一家集产品研发、生产、销售于一体的高新技术企业，专业为各大铝型材企业及门窗幕墙公司生产聚酰胺隔热型材，提供全方位的技术解决方案。

公司成立于2003年，坐落于上海市奉贤区金汇园业，现拥有世界先进的160余条全自动检测装置尼龙隔热条生产线，拥有现代化的标准厂房80000多平方米，员工300多名，其中有多从事专业设计开发技术人员40余名，2019年度生产PA66GF尼龙隔热条3亿多米。2020年5月，安徽生产基地开始投产，一期项目80多条全自动检测挤压生产线，为客户不断增加的需求提供了保障。

上海优泰是目前国内较少可以大批量生产PA66GF25尼龙隔热条的厂家，多次获得“中国房地产开发企业500强首先供应商”。上海优泰已经与华建、凤铝、兴发、坚美、豪美、南山、奋安、伟业、华昌、三星、南平、闽发等知名企业达成战略合作伙伴关系；是融创地产、世茂地产、中海地产、绿地集团、旭辉集团、协信地产、金科地产等地产开发企业的战略合作品牌。

公司率先通过ISO9001质量管理体系认证和ISO14001环境管理体系认证。产品经国家权威机构检测，各项性能指标均达到GB/23615.1—2017国家标准，抗拉强度与尺寸精度等产品重要技术指标均达到国际先进水平。

公司持续坚持以“品质第一、服务至上”的承诺，与供应链上下游形成共同体，合作共赢，为广大合作伙伴提供优质的产品和完善的服务。

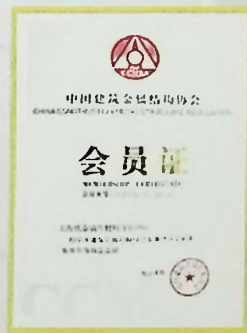
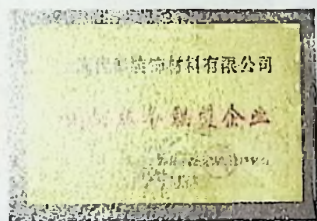
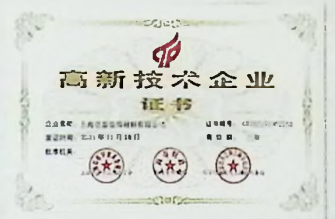
Shanghai Yutai Decoration Materials Co., Ltd. is a high-tech enterprise integrating product research and development, production and sales, specializing in producing polyamide thermal insulation profiles for major aluminum profile enterprises and door and window curtain wall companies, and providing comprehensive technical solutions.

The company was founded in 2003, and is located in Jinhui Park, Fengxian District, Shanghai. It now has more than 160 of the world's most advanced nylon insulation strip production lines for automatic detection devices. It has a modern standard workshop of more than 80000 square meters, and more than 300 employees, including more than 40 professional design and development technicians for many years. In 2019, it produced more than 300 million PA66GF nylon insulation strips. In May 2020, the Anhui production base began to put into operation. The first phase of the project has more than 80 fully automatic detection extrusion production lines, which provides guarantee for the increasing demand of customers.

Shanghai Yutai is one of the few manufacturers in China that can produce PA66GF25 nylon insulation strips in large quantities, and has won the title of "First Supplier of China's Top 500 Real Estate Development Enterprises" for many times. Shanghai Yutai has reached long-term strategic partnership with well-known enterprises such as Huajian, Fenglv, Xingfa, Jianmei, Haomei, Nanshan, Fen'an, Weiye, Huachang, Sanxing, Nanping, Minfa, etc; It is a strategic cooperative brand of real estate development enterprises such as Rongchuang Real Estate, Shimao Real Estate, Zhonghai Real Estate, Greenland Group, Xuhui Group, Xixin Real Estate and Jinke Real Estate.

The company took the lead in passing ISO9001 quality management system certification and ISO14001 environmental management system certification. The product has been tested by the national authority, and all performance indicators have reached the national standard GB/23615.1-2017. The important technical indicators of the product, such as tensile strength and dimensional accuracy, have reached the international advanced level.

The company continues to adhere to the commitment of "quality first, service first", form a community with the upstream and downstream of the supply chain, and cooperate for win-win results to provide high-quality products and perfect services for the majority of partners.



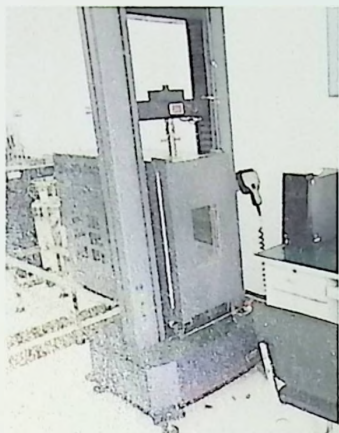
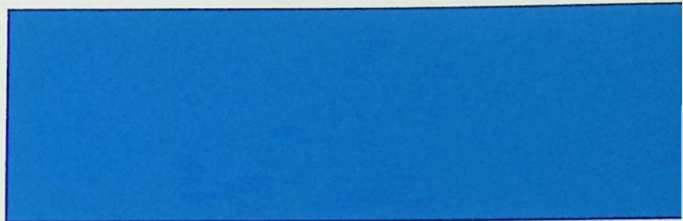
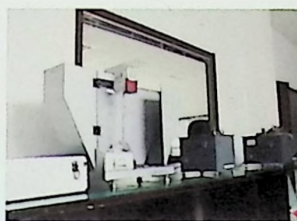


## 国内隔热条生产制造的领跑者

The leader of the domestic heat insulation strip production

上海优泰装饰材料有限公司是一家集产品研发、生产、销售于一体的高新技术企业，专业为各大铝型材企业及门窗幕墙公司生产聚酰胺隔热型材，提供全方位的技术解决方案。

Shanghai Yutai Decoration Materials Co., Ltd. is a high-tech enterprise integrating product research and development, production and sales, specializing in producing polyamide thermal insulation profiles for major aluminum profile enterprises and door and window curtain wall companies, and providing comprehensive technical solutions.



## 公司设备及业绩

### Company equipment and performance

截至目前为止公司拥有自主研发中心及检测中心，技术产品先进，产品及型号覆盖各类用途多达500多种，成功应用于上海世博场馆、上海虹桥机场、中石化（天津）、国家开发银行、上海环球金融中心、上海港务大厦等等，为上海市高新技术企业、守合同重信用企业。

So far the company has independent R & D center and test center, advanced technology products, products and models cover all use up more than 500 kinds, successfully applied in Shanghai World Expo venue, Shanghai Hongqiao Airport, Sinopec (Tianjin), the National Development Bank, the Shanghai world financial center, Shanghai Port Building, as high-tech enterprises in Shanghai City, Shou contract re credit enterprise.



# 产品优势 Competitive Advantages

优泰隔热条是由65%尼龙（PA66）加25%玻璃纤维（GF）的最佳隔热条原料所组成，颜色为黑色。作为主要隔热部件，适合于铝合金门窗、有框幕墙，特别是对门窗的抗风压性、水密性、气密性三项主要性能起到决定性的作用。

The black Youtai thermal barrier strips are made from optimal materials consisting of 75% of polyamide nylon (PA66) and 25% of GF. As a major thermal barrier strips unit, they can be applied to aluminum alloy doors and windows as well as frame supported curtain walls. Particularly, they play a decisive role in guaranteeing compression-resistance, water proofness and air tightness, which are the three main properties of doors and windows. Specifically, they have the following competitive advantages.

一、采用专业挤压技术玻璃纤维呈多项均匀分布，强度高，满足设计需要能保证隔热铝合金门窗、有框幕墙的长久稳定。

The strips have an evenly GF distribution under extrusion technology and secure long term stability of thermal barrier strips aluminum alloy doors and windows.

二、线膨胀系数与铝型材接近，保证在阳光暴晒及严寒冷冻状况下隔热条与铝材持久、紧密结合始终紧密结合而不移位或脱落。

The linear expansion coefficient is about the same with that of aluminum, which will prevent the doors and windows from deformation or falling apart under the condition of extreme hotness and coldness.

三、加工温度高达235度，完全满足先穿条后喷涂的工艺操作。

The processing temperature reaches as high as 235 degrees Celsius so as to achieve strip wearing before paint spraying.

四、尺寸精度小于0.05mm，高尺寸精度便于开齿滚压加工，也保证门窗幕墙的气密、水密和抗风压性能。

The dimensional accuracy is high with small changes of less than 0.05mm. The high-degree accuracy makes it easy to conduct teeth-making and roll extrusion and guarantees the air tightness, water proofness and wind and compression resistance of doors, windows and curtain walls.

五、优良的机械加工性能，可紧固五金件。

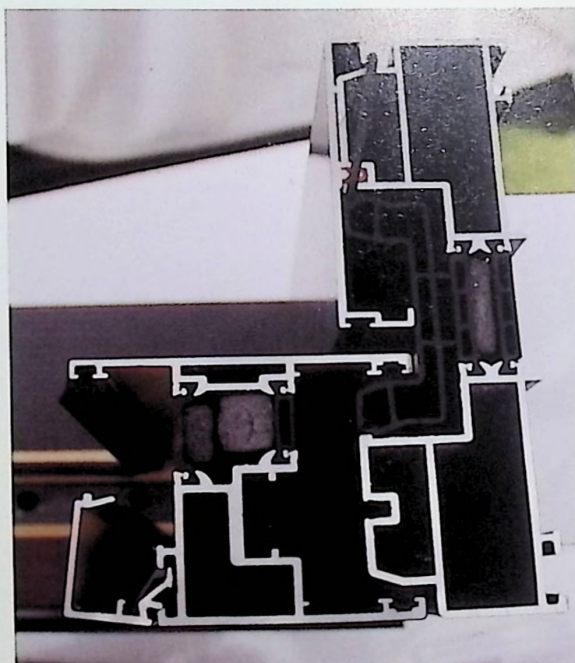
The strips are excellently processed, which will fasten the furniture hardware.

六、具耐火、耐高温、耐化学腐蚀、抗老化、抗紫外等功能，更环保节能，使用寿命更长，亦可回收利用。

It has such properties as fire-resistance, thermostability, corrosion resistance, aging resistance and UV resistance. Therefore, they are environment friendly with a longer life span. Also, they can be recycled for reuse.

七、独特的配方和专用热稳定剂，保证优泰隔热条的优良品质。

The unique and special thermal stabilizer ensures Youtai strips have an exceptional performance.



# 产品优势 Competitive Advantages

八、供货周期短：公司拥有140余条全自动生产线，先进的生产设备与成熟的生产工艺，保证在最短的时间将优质的产品交付客户。品种齐全，备有现货。

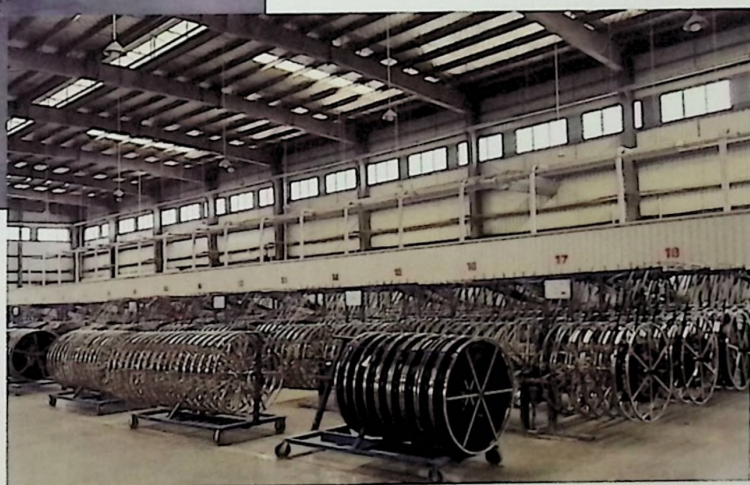
**Short delivery cycle:** the company has 140 automatic production lines, advanced production equipment and mature production technology, ensure the quality of products delivered to customers in the shortest time. Variety complete, with the spot.

九、选择余地大：产品规格多达500多种供客户选择，选择空间大。另可以根据客户需要，开发新模具，满客户实际需求。

**A wide range of choice:** Customers have a widerange of choices of over 300 kinds of products. Besides, we can develop new moulds at customers' demand and to theirsatisfaction.

十、产品供应：采用订单制生产，根据客户要求，可进行定尺生产，避免材料浪费，节约客户成本，同时提高生产效率。

**Convenient products supply:** products are made in accordance with the order. Therefore, we can produce customized products with particular sizes, so as to consumeless energy, lower cost for customers and increase productivity.



# 产品性能 Product performance

GB/T 23615.1-2017 铝合金建筑型材用辅助材料 第一部分：聚酰胺隔热条

GB / T 23615.1-2017 Accessorial materil for architectural aluminum alloy profiles Part1:Thermal barrier strip of polyamide.

中华人民共和国国家标准中要求的隔热条主要性能表  
The People's Republic of China national standard  
required insulation performance table.

| 项 目                    |                   | 国 标 要 求                    |
|------------------------|-------------------|----------------------------|
| 密 度                    |                   | 1.30~1.35g/cm <sup>3</sup> |
| DSC 熔融峰温               |                   | 210~230℃                   |
| 玻璃纤维含量                 |                   | 25~35%                     |
| 轴钉应力开裂性能               |                   | 无裂纹                        |
| 邵氏硬度 (H <sub>B</sub> ) |                   | 85±5                       |
| 低温无缺口冲击强度 (-30℃±2℃)    |                   | ≥ 50kJ/m <sup>2</sup>      |
| 室温纵向抗拉特征值 (23℃±2℃)     |                   | ≥ 90 MPa                   |
| 室温纵向拉伸断裂伸长率            |                   | ≥ 3 %                      |
| 室温纵向拉伸弹性模量             |                   | ≥ 4500MPa                  |
| 室温横向抗拉特征值 (23℃±2℃)     | I 型 (截面高度 < 20mm) | ≥ 90 MPa                   |
|                        | I 型 (截面高度 ≥ 20mm) | ≥ 80 MPa                   |
|                        | 非 I 型             | ≥ 25 MPa                   |
| 高温横向抗拉特征值 (90℃±2℃)     | I 型 (截面高度 < 20mm) | ≥ 55 MPa                   |
|                        | I 型 (截面高度 ≥ 20mm) | ≥ 45 MPa                   |
|                        | 非 I 型             | ≥ 20 MPa                   |
| 低温横向抗拉特征值 (-30℃±2℃)    | I 型 (截面高度 < 20mm) | ≥ 90 MPa                   |
|                        | I 型 (截面高度 ≥ 20mm) | ≥ 80 MPa                   |
|                        | 非 I 型             | ≥ 25 MPa                   |
| 耐水性能                   | I 型 (截面高度 < 20mm) | 横向抗拉特征值 ≥ 85 MPa           |
|                        | I 型 (截面高度 ≥ 20mm) | 横向抗拉特征值 ≥ 75 MPa           |
|                        | 非 I 型             | 横向抗拉特征值 ≥ 22 MPa           |
| 热老化性能                  | I 型 (截面高度 < 20mm) | 横向抗拉特征值 ≥ 60 MPa           |
|                        | I 型 (截面高度 ≥ 20mm) | 横向抗拉特征值 ≥ 55 MPa           |
|                        | 非 I 型             | 横向抗拉特征值 ≥ 20 MPa           |

GB/T  
23615.1-2017

“a” 该值代表I型条。 “a” The values represent the type I Article



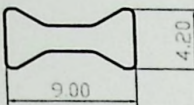
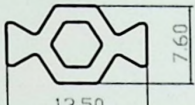
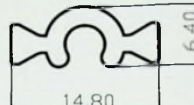
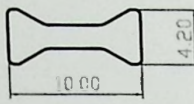
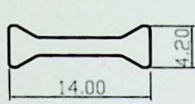
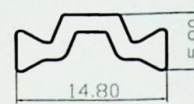
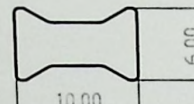
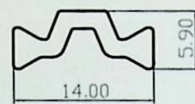
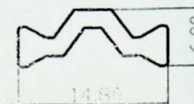
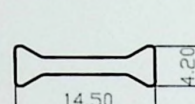
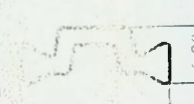
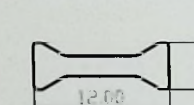
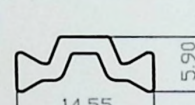
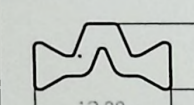
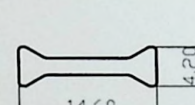
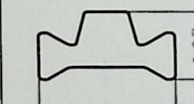
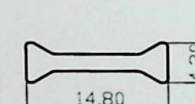
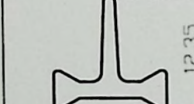
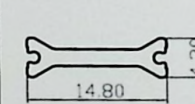
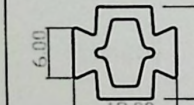
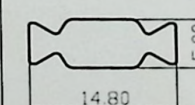
## 优泰隔热条性能指标 (Youtai thermal barrier strips Performance index)

| GB/T<br>23615.1-2017 | 检验项目<br>Test Item                                                                                       | 单位<br>Unit        | 检验值<br>Test Result            |
|----------------------|---------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
|                      | 密度<br>Density                                                                                           | g/cm <sup>3</sup> | 1.31                          |
|                      | 邵氏硬度H <sub>D</sub><br>Shore Hardness (HD)                                                               | /                 | 81.2                          |
|                      | 低温无缺口冲击强度 (-30℃±2℃)<br>Unnotched Impact Strength at Low Temperature (-30℃±2℃)                           | kJ/m <sup>2</sup> | 51.2                          |
|                      | 室温纵向抗拉特征值 (23℃±2℃)<br>Characteristic Value of Tensile Strength at Room Temperature (23℃±2℃)             | MPa               | 92                            |
|                      | 室温纵向拉伸断裂伸长率<br>Elasticity at Breaking at Room Temperature                                               | %                 | 7.4                           |
|                      | 室温纵向拉伸弹性模量<br>Modulus of Elasticity at Room Temperature                                                 | MPa               | 4943                          |
|                      | 室温横向抗拉特征值 (23℃±2℃)<br>Characteristic Value of Transverse Tensile Strength at Room Temperature (23℃±2℃)  | MPa               | 95                            |
|                      | 高温横向抗拉特征值 (90℃±2℃)<br>Characteristic Value of Transverse Tensile Strength at High Temperature (90℃±2℃)  | MPa               | 58                            |
|                      | 低温横向抗拉特征值 (-30℃±2℃)<br>Characteristic Value of Transverse Tensile Strength at Low Temperature (-30℃±2℃) | MPa               | 90                            |
|                      | 耐水试验 (沸水试验)<br>Water Resistance Test (boiling water test)                                               | MPa               | 105                           |
|                      | 轴钉应力开裂试验<br>Stress Crack Test                                                                           | /                 | 孔口无裂纹<br>No crack at aperture |
|                      | 玻璃纤维含量<br>Glass Fiber Content                                                                           | %                 | 25±2.5%                       |
|                      | DSC熔融峰温<br>Melting Peak Temperature (Differential Scanning Calorimetry)                                 | ℃                 | 259.9                         |
|                      | 热老化试验 (1000h)<br>Thermal Ageing Test (1000h)                                                            | MPa               | 81                            |

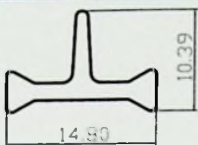
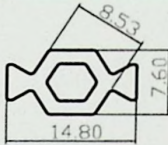
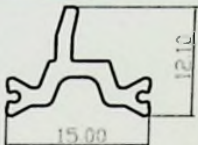
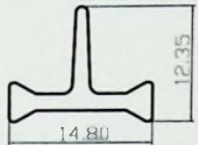
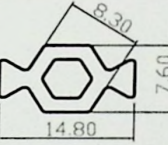
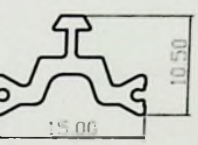
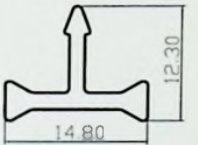
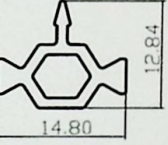
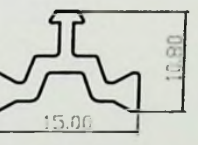
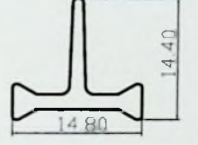
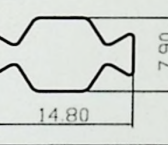
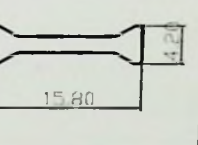
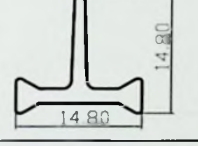
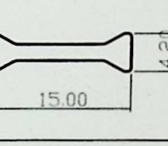
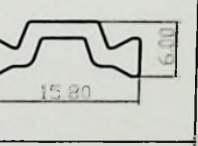
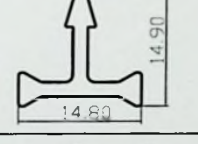
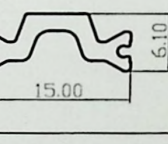
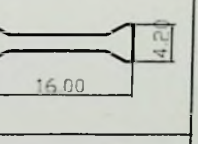
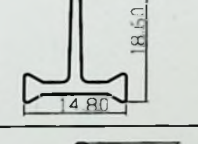
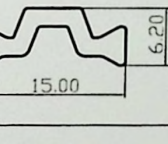
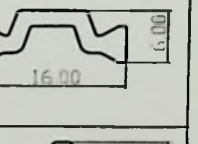
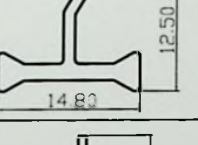
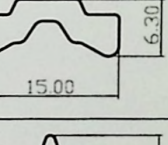
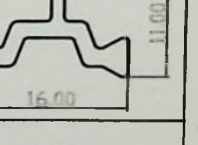
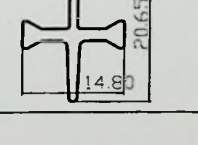
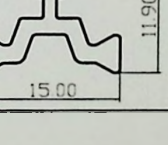
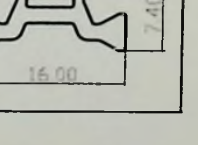
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“a” The values represent the type I Article

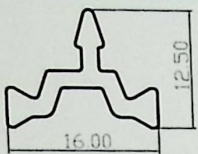
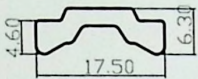
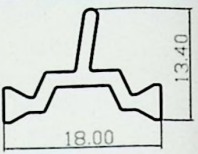
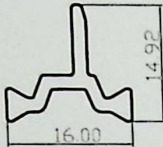
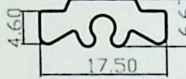
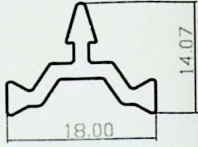
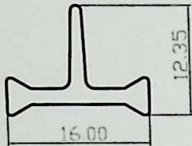
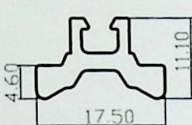
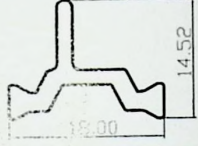
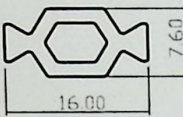
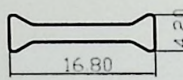
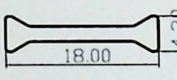
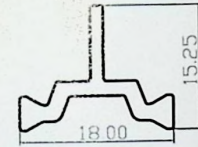
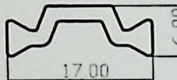
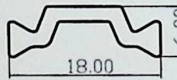
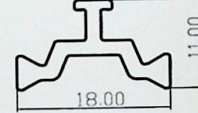
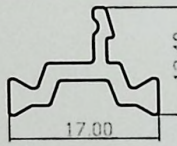
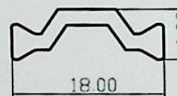
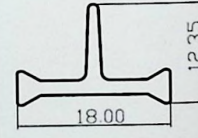
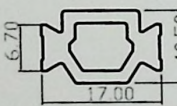
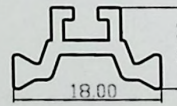
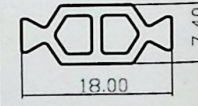
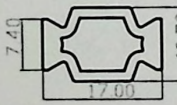
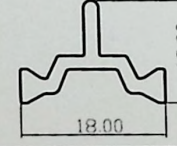
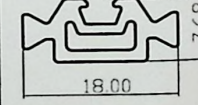
# 产品规格 Product Specifications

| 产品编号          | 图                                                                                   | 产品编号            | 断面图                                                                                 | 产品编号            | 断面图                                                                                   |
|---------------|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
| YT-I9*4.2     |    | YT-K13.5*7.6    |    | YT-IC14.8*6.4   |    |
| YT-I10*4.2    |    | YT-I14*4.2      |    | YT-C14.8*5.9    |    |
| YT-I10*6      |    | YT-C14*5.9      |    | YT-C14.8*6(D)   |    |
| YT-K10.8*10.3 |    | YT-I14.5*4.2    |    | YT-C14.8*6(X)   |    |
| YT-I12*4.2    |   | YT-C14.55*5.9   |   | YT-CF14.8*11.05 |   |
| YT-C12*5.9    |  | YT-I14.6*4.2    |  | YT-CF14.8*11.35 |  |
| YT-C12*6.09   |  | YT-I14.8*4.2    |  | YT-CI14.8*11.8  |  |
| YT-T12*12.35  |  | YT-I14.8*4.2(X) |  | YT-CI14.8*13.5  |  |
| YT-K12*11.05  |  | YT-I14.8*5      |  | YT-CT14.8*11    |  |

# 产品规格 Product Specifications

| 产品编号           | 断面图                                                                                 | 产品编号            | 断面图                                                                                 | 产品编号          | 断面图                                                                                   |
|----------------|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------|
| YT-T14.8*10.39 |    | YT-K14.8*7.6    |    | YT-C115*12.1P |    |
| YT-T14.8*12.35 |    | YT-K14.8*7.6(Y) |    | YT-CT15*10.5  |    |
| YT-T14.8*12.3J |    | YT-K14.8*12.84J |    | YT-CT15*10.8  |    |
| YT-T14.8*14    |    | YT-S14.8*7.9    |    | YT-I15.8*4.2  |    |
| YT-T14.8*14.8  |   | YT-I15*4.2      |   | YT-C15.8*6    |   |
| YT-T14.8*14.9J |  | YT-C15*6.1      |  | YT-I16*4.2    |  |
| YT-T14.8*18.6  |  | YT-C15*6.2      |  | YT-C16*6      |  |
| YT-T14.8*12.5W |  | YT-C15*6.3      |  | YT-CF16*11    |  |
| YT-T14.8*20.65 |  | YT-C115*11.9J   |  | YT-CH16*7.4   |  |

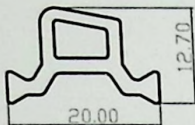
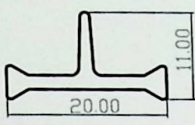
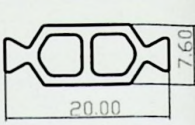
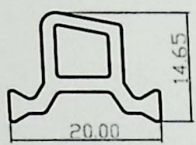
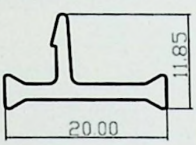
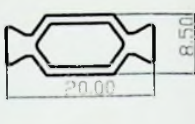
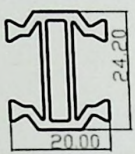
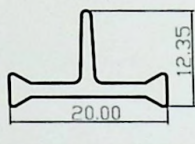
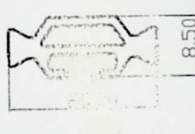
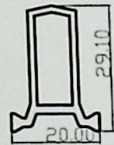
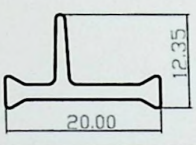
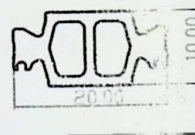
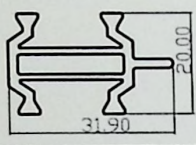
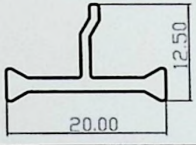
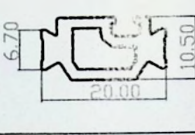
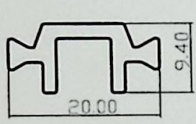
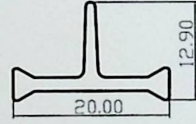
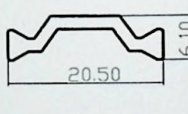
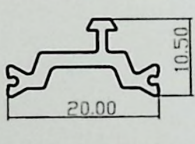
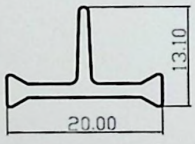
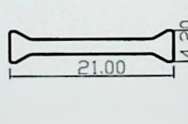
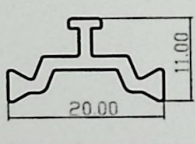
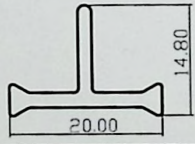
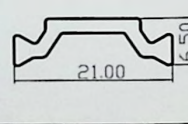
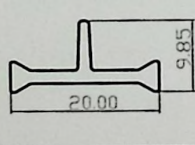
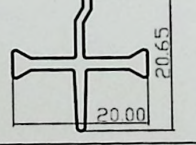
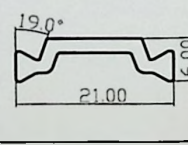
# 产品规格 Product Specifications

| 产品编号           | 断面图                                                                                 | 产品编号           | 断面图                                                                                 | 产品编号           | 断面图                                                                                   |
|----------------|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|
| YT-CI16*12.5JP |    | YT-C17.5*6.3Y  |    | YT-CI18*13.4W  |    |
| YT-CI16*14.92P |    | YT-C17.5*6.67Y |    | YT-CI18*14.07J |    |
| YT-T16*12.35   |    | YT-CH17.5*11.1 |    | YT-CI18*14.52P |    |
| YT-K16*7.6     |    | YT-CI17.5*14.2 |    | YT-CI18*15.2W  |    |
| YT-I16.8*4.2   |  | YT-I18*4.2     |  | YT-CI18*15.25  |   |
| YT-C17*6       |  | YT-C18*6       |  | YT-CT18*11     |  |
| YT-CI17*12.4P  |  | YT-C18*6Y      |  | YT-T18*12.35   |  |
| YT-K17*10.5    |  | YT-CH18*10     |  | YT-K18*7.4     |  |
| YT-K17*10.7    |  | YT-CI18*13     |  | YT-K18*7.68    |  |

# 产品规格 Product Specifications

| 产品编号            | 断面图 | 产品编号             | 断面图 | 产品编号            | 断面图 |
|-----------------|-----|------------------|-----|-----------------|-----|
| YT-I18.6*4.2    |     | YT-T18.6*12.35   |     | YT-C20*6.1      |     |
| YT-I18.6*6(Y)   |     | YT-T18.6*12.35P  |     | YT-CF20*11PW    |     |
| YT-C18.6*6      |     | YT-T18.6*12.97PW |     | YT-CH20*11      |     |
| YT-C18.6*6      |     | YT-T18.6*14.9J   |     | YT-CI20*12.14PW |     |
| YT-CF18.6*11P   |     | YT-T18.6*16.35P  |     | YT-CI20*13.5P   |     |
| YT-CH18.6*11.2  |     | YT-K18.6*4.2     |     | YT-CI20*13.85J  |     |
| YT-CI18.6*14.52 |     | YT-I20*4.2       |     | YT-CI20*15      |     |
| YT-CI18.6*15.8P |     | YT-IH20*6.9      |     | YT-CI20*16      |     |
| YT-CK18.6*12.3  |     | YT-C20*6         |     | YT-CI20*18.38W  |     |

# 产品规格 Product Specifications

| 产品编号          | 断面图                                                                                 | 产品编号          | 断面图                                                                                  | 产品编号         | 断面图                                                                                   |
|---------------|-------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------|--------------|---------------------------------------------------------------------------------------|
| YT-CK20*12.7  |    | YT-T20*11     |    | YT-K20*7.6   |    |
| YT-CK20*14.65 |    | YT-T20*11.85P |    | YT-K20*8.5   |    |
| YT-CK20*24.2  |    | YT-T20*12.35  |    | YT-K20*8.5Y  |    |
| YT-CK20*29.1  |    | YT-T20*12.35P |    | YT-K20*10-NN |    |
| YT-CK20*31.9  |   | YT-T20*12.5W  |   | YT-K20*10.5  |   |
| YT-CN20*9.4   |  | YT-T20*12.9   |  | YT-C20.5*6.1 |  |
| YT-CT20*10.5P |  | YT-T20*13.1   |  | YT-I21*4.2   |  |
| YT-CT20*11    |  | YT-T20*14.8   |  | YT-C21*6.5   |  |
| YT-T20*9.85   |  | YT-T20*20.65  |  | YT-C21*6(X)  |  |

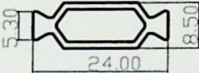
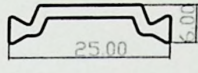
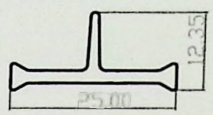
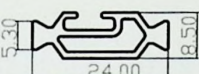
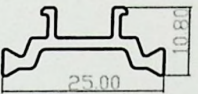
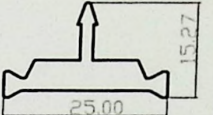
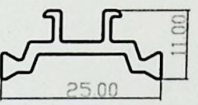
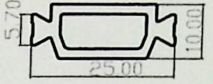
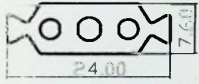
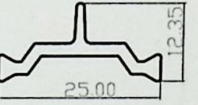
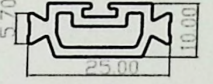
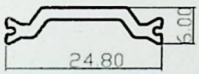
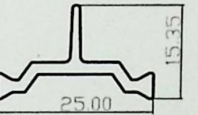
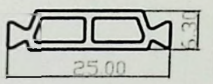
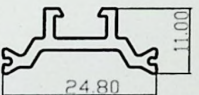
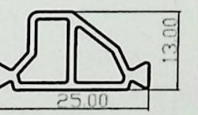
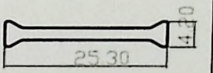
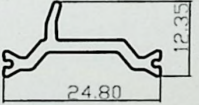
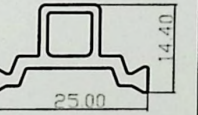
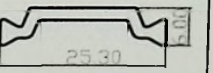
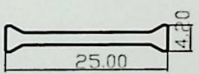
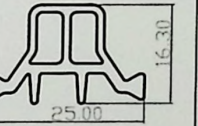
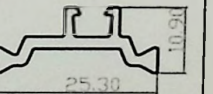
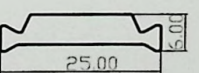
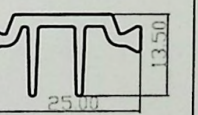
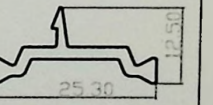
# 产品规格 Product Specifications

| 产品编号          | 断面图 | 产品编号          | 断面图 | 产品编号          | 断面图 |
|---------------|-----|---------------|-----|---------------|-----|
| YT-CH21*11.2  |     | YT-T22*12.35P |     | YT-C24*6(X)   |     |
| YT-CI21*12.35 |     | YT-C22.5*6    |     | YT-C24*6(Y)   |     |
| YT-I22*4.2    |     | YT-C22.5*6.3  |     | YT-C24*6.1Y   |     |
| YT-I24*4.2    |     | YT-I24*4.2    |     | YT-C24*6.2    |     |
| YT-C22*6      |     | YT-I24*4.2Y   |     | YT-CF24*10.9P |     |
| YT-C22*6Y     |     | YT-IH24*6.1   |     | YT-CF24*11P   |     |
| YT-CF22*10.8P |     | YT-IH24*6.23  |     | YT-CF24*11Y   |     |
| YT-CI22*11.6P |     | YT-C24*6      |     | YT-CF24*11.1P |     |
| YT-CI22*12.4P |     | YT-C24*6(GD)  |     | YT-CF24*11.3P |     |

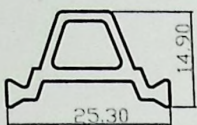
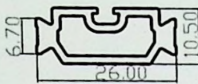
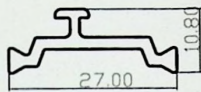
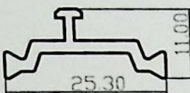
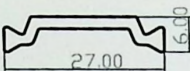
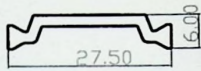
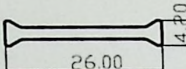
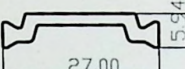
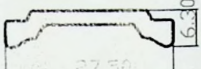
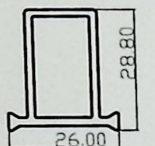
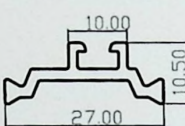
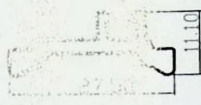
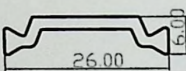
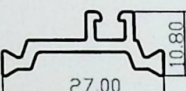
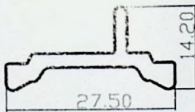
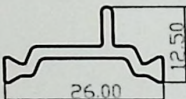
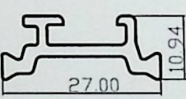
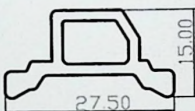
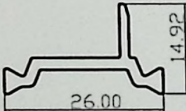
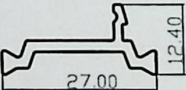
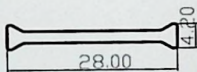
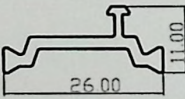
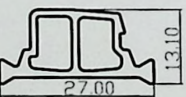
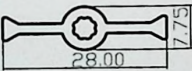
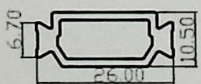
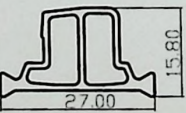
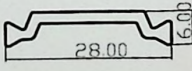
# 产品规格 Product Specifications

| 产品编号           | 断面图 | 产品编号           | 断面图 | 产品编号          | 断面图 |
|----------------|-----|----------------|-----|---------------|-----|
| YT-CF24*12     |     | YT-CI24*12.4P  |     | YT-C2K24*17.1 |     |
| YT-CH24*10.9   |     | YT-CI24*12.7   |     | YT-CN24*9.4   |     |
| YT-CH24*11.2   |     | YT-CI24*14.5JP |     | YT-CN24*10.85 |     |
| YT-CH24*11.27  |     | YT-CI24*14.8   |     | YT-CT24*10.5  |     |
| YT-CH24*14.17  |     | YT-CI24*15W    |     | YT-CT24*11P   |     |
| YT-CI24*12P    |     | YT-CI24*18.17W |     | YT-T24*10.39P |     |
| YT-CI24*12.1P  |     | YT-CK24*12.35  |     | YT-T24*12.35  |     |
| YT-CI24*12.35P |     | YT-C2K24*13    |     | YT-T24*12.35P |     |
| YT-CI24*12.4   |     | YT-CK24*14.65  |     | YT-T24*15JP   |     |

# 产品规格 Product Specifications

| 产品编号             | 断面图                                                                                 | 产品编号          | 断面图                                                                                 | 产品编号             | 断面图                                                                                   |
|------------------|-------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|
| YT-K24*8.5       |    | YT-C25*6      |    | YT-T25*12.35     |    |
| YT-K24*8.5Y      |    | YT-CH25*10.8  |    | YT-T25*15.27J    |    |
| YT-2K24*16.1     |    | YT-CH25*11    |    | YT-K25*10        |    |
| YT-3K25*12.35    |    | YT-CI25*12.35 |    | YT-K25*10Y       |    |
| YT-C24.8*6(X)    |  | YT-CI25*15.35 |   | YT-HK25*6.3      |   |
| YT-CH24.8*11     |  | YT-C2K25*13   |  | YT-I25.3*4.2     |  |
| YT-CI24.8*12.35P |  | YT-CK25*14.4  |  | YT-C25.3*6       |  |
| YT-I25*4.2       |  | YT-C2K25*16.3 |  | YT-CH25.3*10.9   |  |
| YT-I25*6Y        |  | YT-CN25*13.5  |  | YT-CI25.3*12.5PW |  |

# 产品规格 Product Specifications

| 产品编号           | 断面图                                                                                 | 产品编号          | 断面图                                                                                  | 产品编号            | 断面图                                                                                   |
|----------------|-------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------------------------|
| YT-CK25.3*14.9 |    | YT-K26*10.5Y  |     | YT-CT27*10.8P   |    |
| YT-CT25.3*11P  |    | YT-C27*6      |     | YT-C27.5*6      |    |
| YT-I26*4.2     |    | YT-C27*5.94   |     | YT-C27.5*6.3Y   |    |
| YT-IK26*28.8   |    | YT-CH27*10.5  |     | YT-CH27.5*11.1  |    |
| YT-C26*6       |   | YT-CH27*10.8  |   | YT-CI27.5*14.2P |   |
| YT-CI26*12.5P  |  | YT-CH27*10.94 |  | YT-CK27.5*15    |  |
| YT-CI26*14.92P |  | YT-CI27*12.4P |  | YT-I28*4.2      |  |
| YT-CT26*11P    |  | YT-C2K27*13.1 |  | YT-IO28*7.75    |  |
| YT-K26*10.5    |  | YT-C2K27*15.8 |  | YT-C28*6        |  |

# 产品规格 Product Specifications

| 产品编号           | 断面图 | 产品编号           | 断面图 | 产品编号           | 断面图 |
|----------------|-----|----------------|-----|----------------|-----|
| YT-C28*6Y      |     | YT-CI28*13.2W  |     | YT-CT28*10.74  |     |
| YT-C28*6.2Y    |     | YT-CI28*13.4W  |     | YT-C2T28*11.6  |     |
| YT-CF28*10.7   |     | YT-CK28*12.35  |     | YT-CT28.8*11.5 |     |
| YT-CI28*11.4   |     | YT-CK28*20.27  |     | YT-I29*4.2     |     |
| YT-CH28*11     |     | YT-CK28*24.8   |     | YT-C29*6       |     |
| YT-CH28*11.6   |     | YT-C3K28*17.1  |     | YT-CHN29*18.6  |     |
| YT-CH28*14.27  |     | YT-C3K28*13.84 |     | YT-CI29*13.2P  |     |
| YT-CH28*18.8   |     | YT-CN28*9.5    |     | YT-CI29*14P    |     |
| YT-CI28*12.1PW |     | YT-CT28*10.5P  |     | YT-CK29*12.75  |     |

# 产品规格 Product Specifications

| 产品编号          | 断面图 | 产品编号           | 断面图 | 产品编号           | 断面图 |
|---------------|-----|----------------|-----|----------------|-----|
| YT-CN29*14    |     | YT-C30*6.5     |     | YT-CIN30*19.85 |     |
| YT-CT29*10.4  |     | YT-CFN30*18    |     | YT-C2K30*14.4  |     |
| YT-C2T29*11   |     | YT-CFN30*18.57 |     | YT-CK30*14.7   |     |
| YT-H3K29*14.9 |     | YT-CH30*10.9   |     | YT-CK30*33.2   |     |
| YT-ISO*4.2    |     | YT-CH30*11     |     | YT-CN30*13     |     |
| YT-C30*6      |     | YT-CH30*11.2   |     | YT-CN30*13.5   |     |
| YT-C30*6Y     |     | YT-CI30*13P    |     | YT-CO30*8      |     |
| YT-C30*6.2    |     | YT-CI30*14.5JP |     | YT-CT30*10.9   |     |
| YT-C30*6.3    |     | YT-CIN30*19.35 |     | YT-C2T30*13    |     |

# 产品规格 Product Specifications

| 产品编号          | 断面图 | 产品编号           | 断面图 | 产品编号          | 断面图 |
|---------------|-----|----------------|-----|---------------|-----|
| YT-T30*13.4   |     | YT-C32*6       |     | YT-CT32*10.8P |     |
| YT-HK30*6.3   |     | YT-C32*6.09    |     | YT-CT32*11    |     |
| YT-HK30*7.8   |     | YT-CF32*11.63P |     | YT-HK32*6.3   |     |
| YT-HK30*11.2  |     | YT-CH32*13.3   |     | YT-HK32*11.2  |     |
| YT-HK30*13.7  |     | YT-CK32*14     |     | YT-HK32*12    |     |
| YT-IC31.5*6.9 |     | YT-C2K32*15.57 |     | YT-HK32*12.35 |     |
| YT-C31.5*6.09 |     | YT-C3K32*15.1  |     | YT-3K32*20    |     |
| YT-I32*4.2    |     | YT-C3K32*16.50 |     | YT-C32.5*6    |     |
| YT-IC32*6.5   |     | YT-CO32*8.2    |     | YT-C32.5*6.3  |     |

# 产品规格 Product Specifications

| 产品编号           | 断面图 | 产品编号          | 断面图 | 产品编号           | 断面图 |
|----------------|-----|---------------|-----|----------------|-----|
| YT-CH32.5*11.1 |     | YT-C34*6      |     | YT-C3K34*12.95 |     |
| YT-I33*4.2(X)  |     | YT-C34*6.4    |     | YT-C2K34*14.15 |     |
| YT-C33*6(X)    |     | YT-CF34*10.7  |     | YT-C2K34*21.9  |     |
| YT-CI33*12.1P  |     | YT-CF34*11.4  |     | YT-CN34*10.55  |     |
| YT-CIN33*17.68 |     | YT-CH34*9.35  |     | YT-CN34*10.75  |     |
| YT-CN33*11.58  |     | YT-CH34*10.9  |     | YT-CN34*16.2   |     |
| YT-CT33*10.5P  |     | YT-CH34*11.9  |     | YT-HK34*8      |     |
| YT-CTN33*16.08 |     | YT-CHN34*14.1 |     | YT-HK34*12.95  |     |
| YT-I34*4.2     |     | YT-CI34*13.1  |     | YT-C35*6       |     |

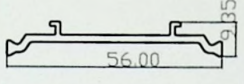
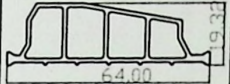
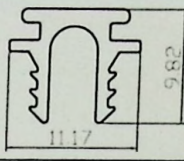
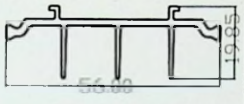
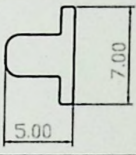
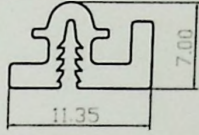
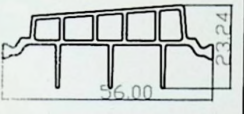
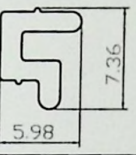
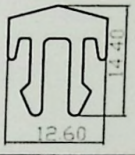
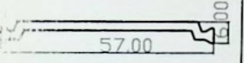
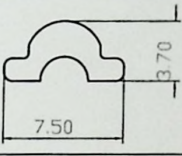
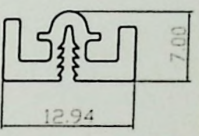
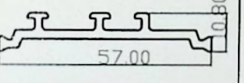
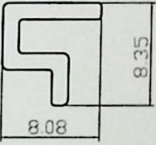
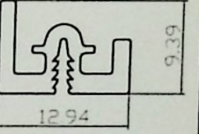
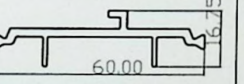
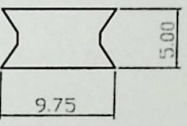
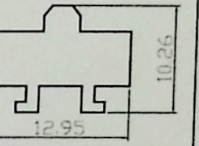
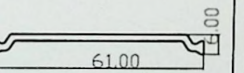
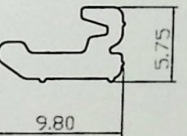
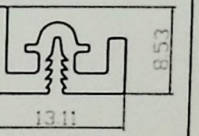
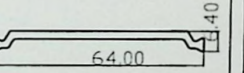
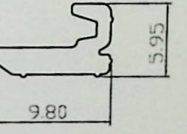
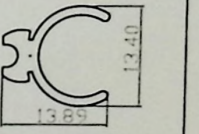
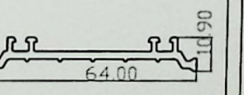
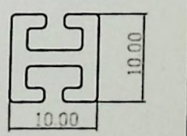
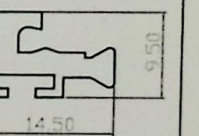
# 产品规格 Product Specifications

| 产品编号             | 断面图 | 产品编号            | 断面图 | 产品编号           | 断面图 |
|------------------|-----|-----------------|-----|----------------|-----|
| YT-C35*6.3       |     | YT-CN35.3*15.05 |     | YT-C2T37*10.8  |     |
| YT-CI35*12.5P    |     | YT-T35.3*12.35  |     | YT-CK37*24     |     |
| YT-C3K35*6       |     | YT-HK35.3*6.3   |     | YT-C3K37*6     |     |
| YT-C3K35*11      |     | YT-HK35.3*11.2  |     | YT-C3K37*10.8  |     |
| YT-C3KH35*11     |     | YT-HK35.3*13.7  |     | YT-C3K37*15.1  |     |
| YT-CK35*20.05    |     | YT-H3K35.3*22.2 |     | YT-C3K37*15.8  |     |
| YT-C35.3*6       |     | YT-CTN36*13.51  |     | YT-C3KT37*11.1 |     |
| YT-CHN35.3*17.3  |     | YT-C3K36*16.52  |     | YT-C3K37.5*6.3 |     |
| YT-CHN35.3*19.95 |     | YT-C37*6        |     | YT-C38*6.3(Y)  |     |

# 产品规格 Product Specifications

| 产品编号           | 断面图 | 产品编号           | 断面图 | 产品编号             | 断面图 |
|----------------|-----|----------------|-----|------------------|-----|
| YT-CN38*10.7   |     | YT-C4K40*6     |     | YT-CHN43*16.1    |     |
| YT-C3K38*9.35  |     | YT-C4K40*14.4  |     | YT-C44*6         |     |
| YT-C2K38*14.76 |     | YT-C4KH40*11   |     | YT-CH44*10.8     |     |
| YT-C39*6       |     | YT-C4KT40*11.6 |     | YT-C3K44*15.2    |     |
| YT-CHN39*18.6  |     | YT-CH41*10.95  |     | YT-HK45.3*6.3    |     |
| YT-CN39*14     |     | YT-C3K41*16.4  |     | YT-HK45.3*11.2   |     |
| YT-C40*6.06    |     | YT-C42*6       |     | YT-HK45.3*13.7   |     |
| YT-C40*6.75    |     | YT-C2T42*10.8P |     | YT-C4K45.3*17.52 |     |
| YT-C3K40*14.46 |     | YT-CH43*11     |     | YT-C3K45.7*11.2  |     |

# 产品规格 Product Specifications

| 产品编号           | 断面图                                                                                 | 产品编号           | 断面图                                                                                 | 产品编号             | 断面图                                                                                   |
|----------------|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|
| YT-CH56*9.35   |    | YT-C4K64*19.32 |    | YT-SM11.17*9.82  |    |
| YT-CHN56*19.85 |    | YT-SM7*5       |    | YT-SM11.35*7     |    |
| YT-C5K56*23.24 |    | YT-SM7.36*5.98 |    | YT-SM12.6*14.4   |    |
| YT-C57*6       |    | YT-SM7.5*3.7   |    | YT-SM12.94*7     |    |
| YT-CH57*10.8   |  | YT-SM8.35*8.08 |   | YT-SM12.94*9.39  |   |
| YT-CF60*16.75  |  | YT-SM9.75*5    |  | YT-SM12.95*10.26 |  |
| YT-C61*6       |  | YT-SM9.8*5.75  |  | YT-SM13.11*8.53  |  |
| YT-C64*6.4     |  | YT-SM9.8*5.95  |  | YT-SM13.89*13.4  |  |
| YT-CH64*10.9   |  | YT-SM10*10     |  | YT-SM14.5*9.5    |  |

# 产品规格 Product Specifications

| 产品编号            | 断面图 | 产品编号            | 断面图 | 产品编号            | 断面图 |
|-----------------|-----|-----------------|-----|-----------------|-----|
| YT-SM14.6*7.3   |     | YT-SM16.05*9.45 |     | YT-SM18.3*17.6  |     |
| YT-SM14.6*10.4  |     | YT-SM16.7*10.94 |     | YT-SM18.5*3.28  |     |
| YT-SM14.95*8    |     | YT-SM16.7*11    |     | YT-SM18.8*8     |     |
| YT-SM15*10      |     | YT-SM17*4.5     |     | YT-SM18.8*8.1   |     |
| YT-SM15*14.4    |     | YT-SM17.03*10   |     | YT-SM19.5*3.5   |     |
| YT-SM15.46*6.6  |     | YT-SM17.4*5.54  |     | YT-SM19.5*4.5   |     |
| YT-SM15.6*6     |     | YT-SM17.6*13.98 |     | YT-SM20*5.6     |     |
| YT-SM15.95*14.8 |     | YT-SM17.8*9.56  |     | YT-SM20*10      |     |
| YT-SM16*7.3     |     | YT-SM17.85*10.9 |     | YT-SM21.97*17.6 |     |

# 产品规格 Product Specifications

| 产品编号             | 断面图 | 产品编号             | 断面图 | 产品编号             | 断面图 |
|------------------|-----|------------------|-----|------------------|-----|
| YT-SM22*10       |     | YT-SM24.26*7     |     | YT-SM27.02*19.2  |     |
| YT-SM22.2*21     |     | YT-SM24.4*21.92  |     | YT-SM27.18*8.91  |     |
| YT-SM23*5.9      |     | YT-SM24.78*9.91  |     | YT-SM27.6*13     |     |
| YT-SM23*7        |     | YT-SM24.98*8.7   |     | YT-SM27.9*22.16  |     |
| YT-SM23.2*19     |     | YT-SM25*5        |     | YT-SM27.9*22.16Y |     |
| YT-SM23.74*23.45 |     | YT-SM25*5.9      |     | YT-SM28*20       |     |
| YT-SM23.85*12.6  |     | YT-SM26*7.3      |     | YT-SM28.5*28.2   |     |
| YT-SM23.9*17.8   |     | YT-SM26.1*5.5    |     | YT-SM29.6*10.5   |     |
| YT-SM24*9        |     | YT-SM26.84*26.84 |     | YT-SM30*10       |     |

# 产品规格 Product Specifications

| 产品编号             | 断面图 | 产品编号            | 断面图 | 产品编号             | 断面图 |
|------------------|-----|-----------------|-----|------------------|-----|
| YT-SM31.3*17.6   |     | YT-SM32.5*9.50  |     | YT-SM35.8*19.5   |     |
| YT-SM31.41*6.5   |     | YT-SM32.8*9.8   |     | YT-SM35.89*30.18 |     |
| YT-SM31.56*12.3Y |     | YT-SM33*12      |     | YT-SM35.9*16.8   |     |
| YT-SM31.6*27.6   |     | YT-SM34.6*8     |     | YT-SM36.65*12.5  |     |
| YT-SM31.7*25.75  |     | YT-SM34.97*17.6 |     | YT-SM37.27*24.34 |     |
| YT-SM31.8*23.2   |     | YT-SM35.5*5     |     | YT-SM37.7*7.02   |     |
| YT-SM31.9*18.3   |     | YT-SM35.5*6     |     | YT-SM37.7*10.02  |     |
| YT-SM32.1*7.92   |     | YT-SM35.8*5.9   |     | YT-SM38*6        |     |
| YT-SM32.2*29.8   |     | YT-SM35.8*10.5  |     | YT-SM38*9.52     |     |

# 产品规格 Product Specifications

| 产品编号             | 断面图 | 产品编号             | 断面图 | 产品编号            | 断面图 |
|------------------|-----|------------------|-----|-----------------|-----|
| YT-SM38*26.4     |     | YT-SM42*9.52Y    |     | YT-SM46*5*12.5  |     |
| YT-SM38*9.52     |     | YT-SM42.06*10.8  |     | YT-SM46*92*10   |     |
| YT-SM35*9.52Y    |     | YT-SM42.9*13.25  |     | YT-SM48*10.7    |     |
| YT-SM30*5.25Y    |     | YT-SM42.9*13.25Y |     | YT-SM48.65*12.5 |     |
| YT-SM38.25*9.4   |     | YT-SM43.34*26.58 |     | YT-SM48.88*6.8  |     |
| YT-SM39.65*12.5  |     | YT-SM43.5*6      |     | YT-SM49.7*10.2  |     |
| YT-SM39.65*13.19 |     | YT-SM44.5*10.5   |     | YT-SM49.7*7.6   |     |
| YT-SM41*26.9     |     | YT-SM45.9*13.25  |     | YT-SM49.7*10.02 |     |
| YT-SM41.52*25    |     | YT-SM46.2*7      |     | YT-SM50.04*14   |     |

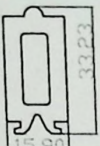
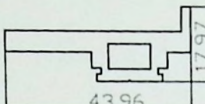
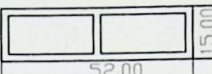
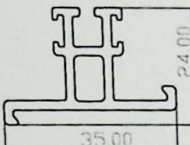
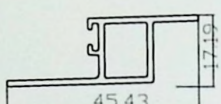
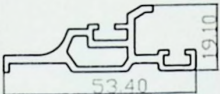
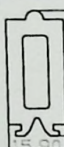
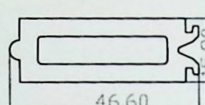
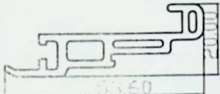
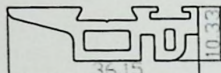
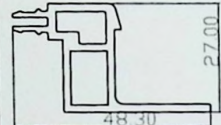
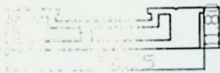
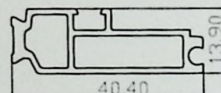
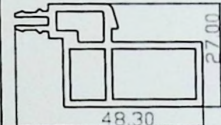
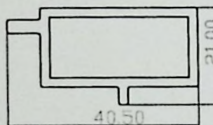
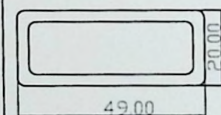
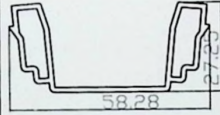
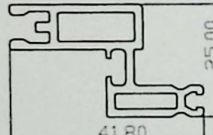
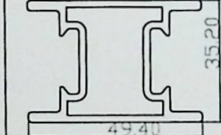
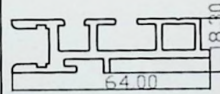
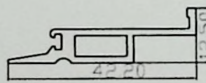
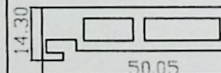
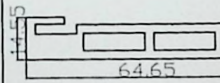
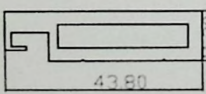
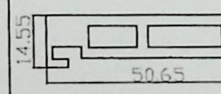
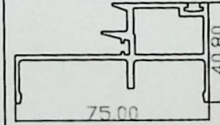
# 产品规格 Product Specifications

| 产品编号            | 断面图 | 产品编号             | 断面图 | 产品编号            | 断面图 |
|-----------------|-----|------------------|-----|-----------------|-----|
| YT-SM50.9*5.75  |     | YT-SM55*30.68    |     | YT-SM67.4*9.78  |     |
| YT-SM50.95*41.1 |     | YT-SM56*10.5     |     | YT-SM69.4*23.65 |     |
| YT-SM51.1*50.95 |     | YT-SM56.1*11.97  |     | YT-SM73*9.9     |     |
| YT-SM51.34*15   |     | YT-SM56.1*11.97Y |     | YT-SM73.7*7.02  |     |
| YT-SM51.4*18.1  |     | YT-SM56.5*8      |     | YT-SM79.64*7.79 |     |
| YT-SM51.4*33.05 |     | YT-SM57*13.5     |     | YT-SM80.91*9.52 |     |
| YT-SM52.9*13.25 |     | YT-SM59.35*11.41 |     | YT-KM13.6*7     |     |
| YT-SM53*14.9    |     | YT-SM64.1*4.5    |     | YT-KM12*11      |     |
| YT-SM53.52*9.52 |     | YT-SM66.6*39     |     | YT-KM12*11.5    |     |

# 产品规格 Product Specifications

| 产品编号             | 断面图 | 产品编号            | 断面图 | 产品编号             | 断面图 |
|------------------|-----|-----------------|-----|------------------|-----|
| YT-KM14.5*13     |     | YT-KM22.98*9.53 |     | YT-KM29*12       |     |
| YT-KM16.5*12     |     | YT-KM23*6.8     |     | YT-KM29*25.2     |     |
| YT-KM18.96*17.6  |     | YT-KM24.17*10   |     | YT-KM29.39*23.62 |     |
| YT-KM20*12       |     | YT-KM25.73*15.9 |     | YT-KM29.6*18     |     |
| YT-KM20*17.55    |     | YT-KM26*15      |     | YT-KM30*11       |     |
| YT-KM21.89*10    |     | YT-KM28*14.36   |     | YT-KM30*13       |     |
| YT-KM21.89*14.5  |     | YT-KM28.03*15.9 |     | YT-KM30*13.8     |     |
| YT-KM22.38*18.06 |     | YT-QK28.1*23.6  |     | YT-KM30*28.17    |     |
| YT-KM22.6*15     |     | YT-KM28.17*28   |     | YT-KM30.74*15.55 |     |

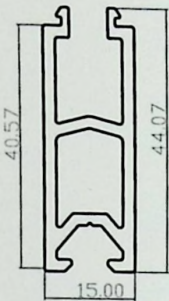
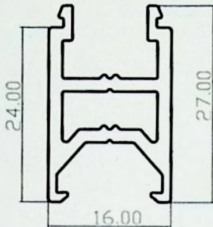
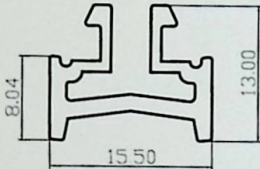
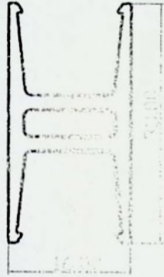
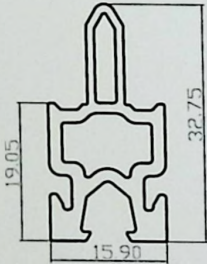
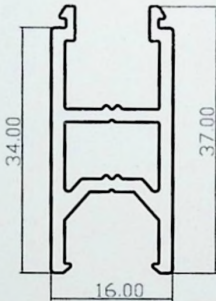
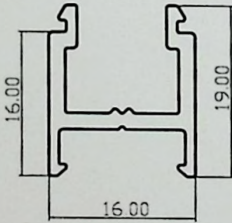
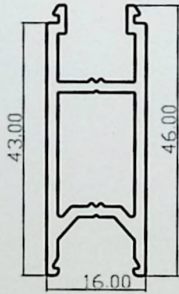
# 产品规格 Product Specifications

| 产品编号             | 断面图                                                                                 | 产品编号             | 断面图                                                                                  | 产品编号             | 断面图                                                                                   |
|------------------|-------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------|
| YT-KM33.23*15.9  |    | YT-KM43.96*17.97 |    | YT-KM52*15       |    |
| YT-KM35*24       |    | YT-KM45.43*17.19 |    | YT-KM53.4*19.1   |    |
| YT-KM35.07*15.9  |    | YT-KM46.6*15.9   |    | YT-KM53.6*20     |    |
| YT-KM36.15*10.33 |    | YT-KM48.3*27     |    | YT-KM54.75*11.8  |    |
| YT-KM40.4*13.9   |   | YT-KM48.3*27Y    |   | YT-KM55.4*41.5   |   |
| YT-KM40.5*21     |  | YT-KM49*20       |  | YT-KM58.28*27.25 |  |
| YT-KM41.8*25     |  | YT-KM49.4*35.2   |  | YT-KM64*18.3     |  |
| YT-KM42.2*12.5   |  | YT-KM50.05*14.3  |  | YT-KM64.65*14.55 |  |
| YT-KM43.8*11.3   |  | YT-KM50.65*14.55 |  | YT-KM75*40.8     |  |

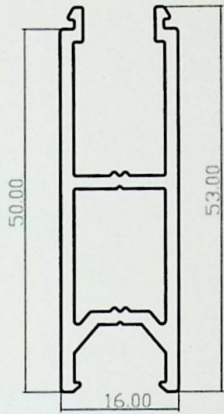
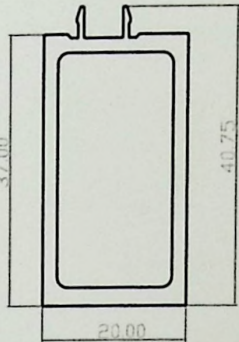
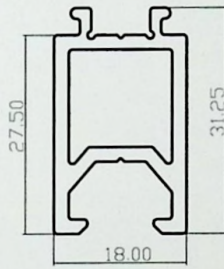
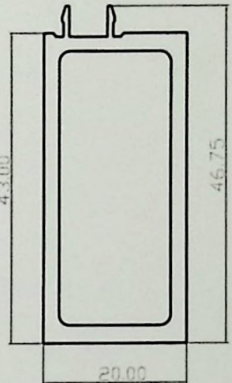
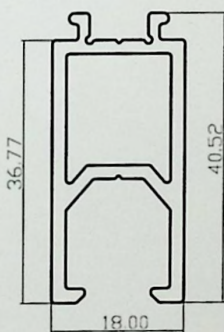
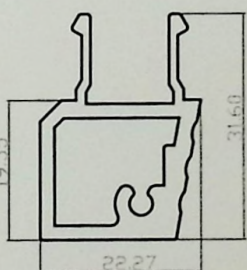
# 产品规格 Product Specifications

| 产品编号           | 断面图 | 产品编号          | 断面图 | 产品编号         | 断面图 |
|----------------|-----|---------------|-----|--------------|-----|
| YT-KM77*38     |     | YT-H9.5*40    |     | YT-H13*42    |     |
| YT-KM80*49     |     | YT-H9.8*40    |     | YT-H14*17.06 |     |
| YT-KM85.4*20   |     | YT-H10*15.38  |     | YT-H14*18    |     |
| YT-KM87.1*49   |     | YT-H10*30.88  |     | YT-H14*18.5  |     |
| YT-KM93*12     |     | YT-H10*32.7   |     | YT-H14*21.5  |     |
| YT-KM120.7*20  |     | YT-H10.2*30   |     | YT-H14*21.6  |     |
| YT-KM120.7*20Y |     | YT-H10.5*17.5 |     | YT-H14*35.7  |     |
| YT-H6.09*17.3  |     | YT-H11*18.4   |     | YT-H15*31.8  |     |
| YT-H9*34       |     | YT-H12.5*16.3 |     | YT-H15*42.72 |     |

# 产品规格 Product Specifications

| 产品编号           | 断面图                                                                                 | 产品编号      | 断面图                                                                                   |
|----------------|-------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|
| YT-H15*44.07   |    | YT-H16*27 |    |
| YT-H15.5*13    |    | YT-H16*33 |    |
| YT-H15.9*32.75 |  | YT-H16*37 |  |
| YT-H16*19      |  | YT-H16*46 |  |

# 产品规格 Product Specifications

| 产品编号         | 断面图                                                                                 | 产品编号           | 断面图                                                                                   |
|--------------|-------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|
| YT-H16*53    |    | YT-H20*40.75   |    |
| YT-H18*41.25 |   | YT-H20*46.75   |   |
| YT-H18*40.52 |  | YT-H22.27*31.6 |  |

## 隔热条的作用以及它的特点

### Insulation effect and its characteristics

#### ◆ 穿在内外两段铝型材之间，以减少热传导系数：

隔热型材的导热性比非隔热型材低

尼龙条 (PA66+GF) 导热系数：

#### ◆ 提高舒适度

人体与环境交换热量，取决于室内空气的温度、流动速度和室外空气温度。正因为如此，通过隔热型材，调节门窗表面的温度，使之不低于12-13℃，以达到人体最舒适的环境。

#### ◆ 保护环境

通过隔热系统的运用，能够减少能量的消耗，减少空调的使用，减少环境污染。

#### ◆ 防止结露

合适的系统设计，会使隔热型材的内表面温度与室内温度接近，从而大大降低了室内过饱和的水分冷凝在型材内表面的可能性。

#### ◆ 节能

在冬天减少热量向室外流失，降低采暖能耗；

在夏天减少热量向室内传递，降低制冷能耗；

#### ◆ 隔音

适当的降低噪音污染。

◆ wear between the inner and outer two aluminum profile, in order to reduce the thermal conduction coefficient:

Thermal conductivity of non insulation material insulation material of low Nylon strip (PA66+GF) thermal conductivity:

#### ◆ improve comfort

The human body heat exchange with ambient, depends on the indoor air temperature, velocity of flow and the outdoor air temperature. Because of this, the insulation material, adjusting the door window surface temperature, which is not lower than 12-13 °C, in order to achieve the most comfortable environment.

#### ◆ Protect environment

Through the use of heat insulation system, can reduce energy consumption, reduce the use of air conditioning, reduce the pollution of the environment.

#### ◆ to prevent condensation

A suitable system design, can make the thermal profiles of the inner surface temperature close to room temperature, which greatly reduces the possibility of indoor water condensation saturation surface in the profiles within the.

#### ◆The energy saving

In the winter to reduce heat loss to the outside, reduce the energy consumption for heating;

In the summer to reduce the heat to the indoor transmission, reduce the energy consumption;

#### ◆The sound insulation

Appropriate to reduce noise pollution.

## 保温原理 The principle of insulation

隔热穿条铝型材是由铝合金型材和热塑性复合材料隔热条组合而成。滚压式隔热铝合金型材是以隔热性能好的高密度聚酰胺PA66胶条，或聚氟乙烯硬质塑料胶条经穿条滚压加工，使铝、塑连成一体。发泡式隔热铝型材是利用隔热条把内、外层铝型材连接嵌装成一体，在形成的隔热腔内填充聚氨酯泡沫，成为隔热铝合金型材的“冷桥”，达到保温、节能的功效。

Thermal wear a aluminum is made of aluminum alloy sections and thermoplastic composite insulation assembly. Rolling type insulating aluminum profiles is based on high density polyamide PA66 plastic heat insulation performance is good, or rigid PVC plastic strip by strip rolling processing, aluminum, plastic as a whole. Foam thermal insulation aluminum profile is the use of insulation of the inner, outer aluminum connecting block is arranged into a whole, polyurethane foam insulation cavity formed in the insulating aluminum profiles, become the "cold bridge", achieve heat preservation, energy saving effect.

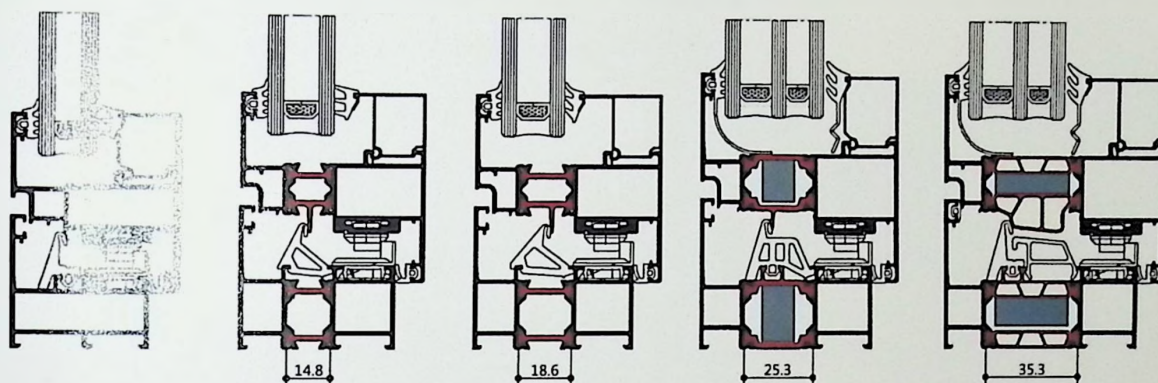
# 保温隔热给我们带来什么？

## Insulation what bring to us?

保温隔热可减少建物室内外热量的交换，对居住者最经济直观的感觉就是采暖及制冷费用的下降。下面以门窗为例。

例一：各种不同配置窗型铝门窗节能效果对比图。

Insulation can reduce the indoor and outdoor heat exchange building, down to residents the most economic intuition is the feeling of heating and cooling costs. The doors and windows as an example. Example: comparison of energy-saving effect of different configuration window type aluminum door and window diagram.



| 系统类型            | 普通中空玻璃铝窗 | 14.8mm隔热条 | 18.6mm隔热条 | 25.3mm隔热条加保温配置    | 35.3mm隔热条加保温配置      |
|-----------------|----------|-----------|-----------|-------------------|---------------------|
| 型材Uf (w/m²·k)   | 6.8      | 3.6       | 3.0       | 2.6               | 1.9                 |
| 玻璃类型            | 普玻       | 普玻        | 普玻充氩气     | 低辐射玻璃             | 低辐射玻璃充氩气            |
|                 | 5+9A+5   | 5+12A+5   | 5+12Ar+5  | 5Low-E+12A+4+9A+5 | 5Low E+12Ar+4+9Ar+5 |
| 玻璃Ug (w/m²·k)   | 2.8      | 2.7       | 2.5       | 1.4               | 1.2                 |
| 平均整窗Uw (w/m²·k) | 4.0      | 3.0       | 2.7       | 1.8               | 1.4                 |
| 较普铝窗节约能源        | 38%      | 54%       | 58%       | 72%               | 78%                 |

例二：

建筑面积为100m²的一套房子，建筑外门窗的面积20m²，以长江中下游一带的城市为例，一月份室内外小温差15度，使用一般普通中空玻璃铝合金门窗（Uw 为4.0左右）与使用隔热断桥节能门窗（Uw为1.4左右）最直观的效果是：

保持同样室温所降低的能耗： $(4.0-1.4) \times 20 \times 15 = 780w$

即：对此户型，每小时节约0.78度电。

In two cases:

Construction area of 1002 sets of houses, area 20m2 outside building doors and windows, in the middle and lower reaches of Yangtze River area of the city as an example, in January the indoor and outdoor low temperature 15 degrees, the use of ordinary insulating glass The aluminum alloy doors and windows (Uw 4) and the use of bridge insulation energy-saving windows and doors (Uw 1.4) effect of the most intuitive: Keep the same room temperature energy consumption reduced:  $(4.0-1.4) \times 20 \times 15 = 780w$

Namely: this apartment layout, saving 0.78 kwh per hour.

# 中国建筑热工数据分区图

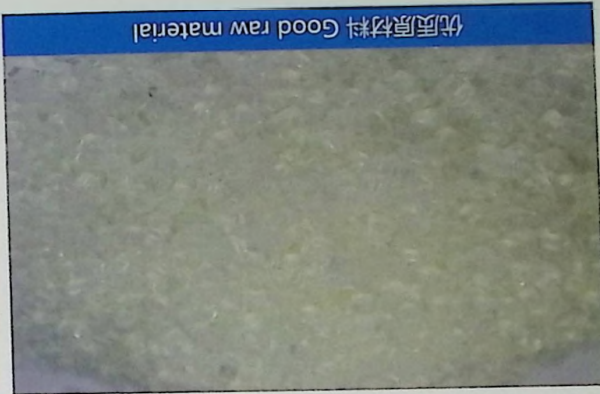
China building thermal data partition map

中国建筑热工数据分区图



## 原料鉴定 Material identification

优质原材料 Good raw material



劣质原材料 Bad raw material



## 技术支持 Technical Support

公司有从事多年专业设计开发的技术人员40余名,并设有化学和物理实验室,可为您提供以下技术服务:

Our company has over 40 technical staffs who have been engaged in R & D for many years. In addition, equipped with chemical and physics laboratories, our company can offer the following for our customers:

- ◆ 新型隔热系统的开发 New-type thermal barrier strips system development
- ◆ 隔热型材u值电脑测试与传热分析 Thermal barrier strips material U-values measurement and thermal transmission analysis
- ◆ 样窗的u值热箱实测 U-values testing through computer of sample windows in hot boxes
- ◆ 隔热型材的机械性能及老化测试 Thermal barrier strips material mechanical property testing and aging testing
- ◆ 隔热新技术开发 New thermal barrier strips technology R & D

## 检测检验 Inspection and testing

公司设有化学和物理实验室,对每批生产的隔热条都进行严格的测试检验,并将检验报告同产品一同交给客户,让客户用的放心。

Equipped with chemical and physics laboratories, our company conducts strict testing of each batch of thermal barrier strips. We also present the testing report to our customers to set their heart at ease.



隔热条拉伸性能测试  
thermal barrier strips stretchability testing

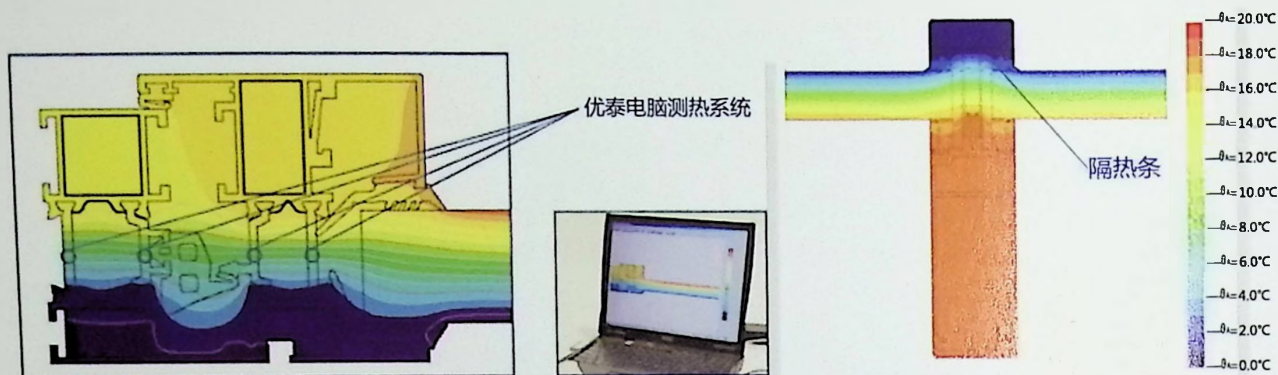


隔热型材抗剪切性能测试  
thermal barrier strips anti-shearing property testing



隔热型材拉伸性能测试  
thermal barrier strips stretchability testing

# 技术支持 Technical Support



## 产品重要性 product importance

隔热条基材选择,聚酰胺 ( PA66 )

Thermal barrier strips substrate' s selection PA66

因其具备较高的机械强度；及具有耐高温、抗紫外线辐射、抗化学试剂腐蚀等性能,同时可保证产品尺寸精度的稳定性。

As the heat insulation base material for its mechanical strength, thermostability, corrosion resistance, and uvioresistance.

隔热条强化物的选择：玻璃纤维 ( GF )

Insulation reinforcer:GFInsulation reinforcer:GF

因其可以提高隔热条的强度已到达使用要求，同时可以让隔热条的线性膨胀系数与铝合金相近。

As the thermal barrier strips fortifier since it can make the strips' linear expansion coefficient approximate to that of aluminum alloy.

隔热条的生产加工工艺：玻璃纤维排列

The processing technics of thermal barrier strips: glass fiber arrangement

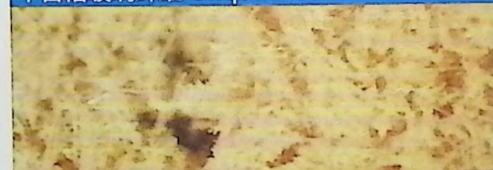
隔热条生产工艺中的核心技术:纠正部分玻璃纤维的排布方向(从纵向改为横向)

The core processing technology of thermal barrier strips: correct the arrangement of some glass fiber from vertical to horizontal.

合格玻璃纤维 Qualified GF



不合格玻璃纤维 Unqualified GF



合格内部结构 Qualified internal structure



不合格内部结构 Unqualified internal structure



# 客户服务 Customer Service

“信誉至上、顾客第一”是我们永久的承诺，我们认为完善的服务同销量一样重要。以卓越的产品质量和良好的信誉，使用户满意是我公司一贯的服务宗旨。

It has always been our promise that “credibility is paramount and customers are foremost” since we believe good services are equally importance as sales volume. Also, we have consistently aimed to provide satisfactory services for customers with high-quality products and high credibility.

供货周期短：先进的生产设备与成熟的生产工艺，保证了在最短的时间将优质的产品交付客户。常规品种齐全，备有现货。

Short Delivery Cycle: With advanced equipment and sophisticated processing technology, we guarantee high-quality delivery within a minimal amount of time. We have routine products in stock.

选择余地大：产品规格多达500多种供客户选择，选择空间大。另可以根据客户需要，开发新模具，满客户实际需求。

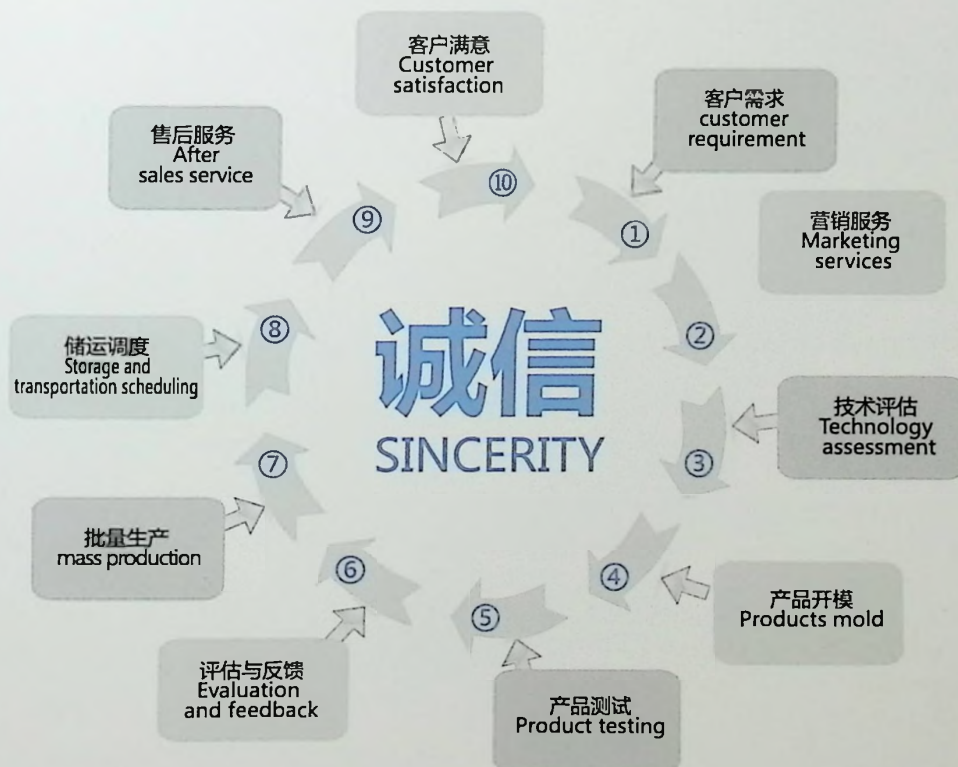
A wide range of choice: Customers have a widerange of choices of over 300 kinds of products. Besides, we can develop new moulds at customers' demand and to their satisfaction.

产品供应：采用定制生产，根据客户要求，可进行定尺生产，避免材料浪费，节约客户成本，同时提高生产效率。

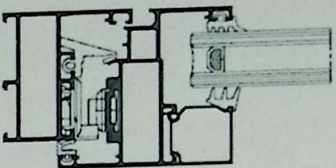
Convenient products supply: products are made in accordance with the order. Therefore, we can produce customized products with particular sizes so as to consume less energy, lower cost for customers and increase productivity.

运输方式：送货上门，方便客户。

Delivery ways: home delivery services for customers' convenience

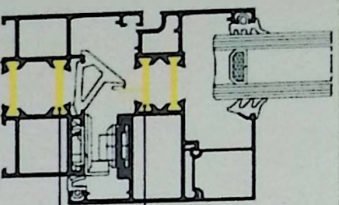


# 优化、改进 Optimization



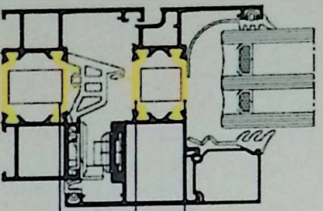
高能耗 Energy-consuming  
易结露 Mixture condensation tendency  
高噪音 Excessive noise  
单一色 A single colour

无隔热条设计  $U_i=6.9W/m^2K$   
(Design without thermal barrier strips)



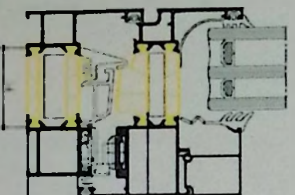
T型14.8mm隔热条 thermal barrier strips T14.8  
I型14.8mm隔热条 thermal barrier strips IL14.8

基本型隔热设计  $U_i=2.6W/m^2K$   
(Basic thermal barrier design)



C型25.3mm隔热条 thermal barrier strips C25.3  
CT型25.3mm隔热条 thermal barrier strips CT25.3  
CG型25.3mm隔热条 thermal barrier strips CG25.3

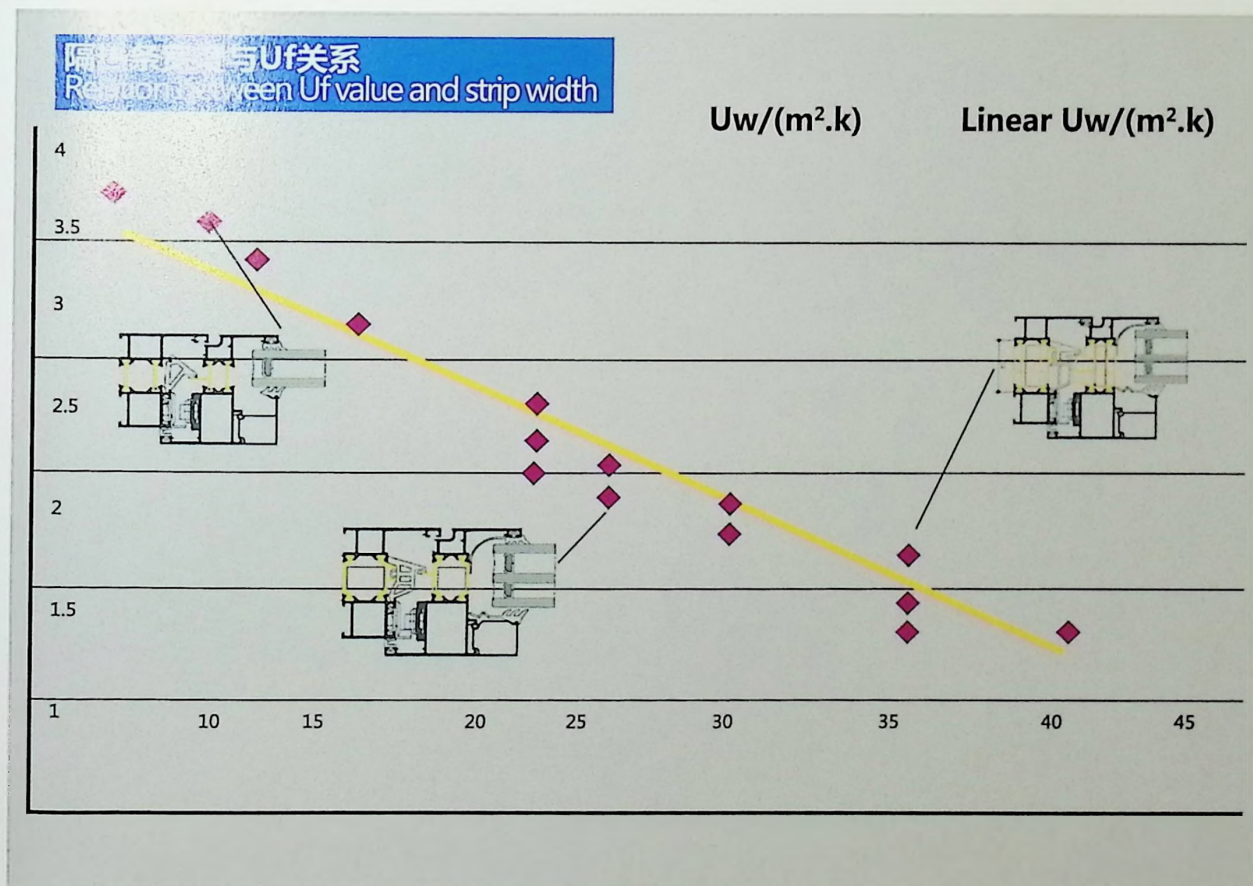
发展型隔热设计  $U_i=2.6W/m^2K$   
(Developmental thermal barrier strips)



HK-T型35.3mm隔热条 thermal barrier strips HK-T35.3  
HK-G型35.3mm隔热条 thermal barrier strips HK-G35.3  
HK型35.3mm隔热条 thermal barrier strips HK35.3

高端型隔热设计  $U_i=2.0W/m^2K$   
(Advanced thermal barrier strips)

# 优化、改进 Optimization



# 产品包装 Product Packaging



6米/支、6 m / branch

直条：产品每支长度为6米，50支或100支包装成一捆，外面用塑料包装带密封，在明显位置贴有产品标签和产品检验合格证。

Straight Strips: The length of every straight strip is 6 meters. Every 50 or 100 strips are bundled together, sealed with plastic packages. Product tags and inspection certificate are obviously presented.



500米/盘、500 m / disc

卷装条：隔热条成卷包装每卷500米，外表用编织带包装，每卷的明显位置贴有产品标签和产品检验合格证。

Rolled strips: Strips are rolled into reels and the length of each reel is 500 meters. The strip reels are wrapped with woven bags. Product tags and inspection certificate are obviously presented.

可根据客户的具体要求进行定尺生产、包装、电脑激光喷码。

Products can be customized in terms of producing, packaging and computer laser coding.

## 激光喷码 Laser Coding



完美的数字激光喷码系统，精确追踪每一个有可能出问题的地方，做到防微杜渐。

# 物流配送 Logistics and distribution

尽心为您赢取优势 便捷顺畅安全安心。

Logistics distribution and delivery: competitively convenient, smoothly and safe delivery.

我们从客户的需求出发，完善自身的企业物流体系，能为价值链上的客户提供仓储、车队运输、船队运输等综合性物流服务，致力在物流转过程中为客户提供增值服务，使物流成为客户的受益点。

Taking into consideration of customers' demand, we constantly improve our company's logistics system so as to provide integrated logistics services such as storage, land transportation as well as marine transportation for big customers. Meanwhile, we have always committed ourselves to create value for customers during the goods circulation.



## 使用说明 Instructions for usage

储存条件：建议贮存在通风、干燥环境中，水平放置，注意防水防雨，远离热源，避免重压，弯曲程度最小化，同时避免与酸、碱及有机溶剂接触。由于PA66是亲水性的物质，它会逐渐从周围环境中吸收水分。吸水的速度与吸水量，取决于下列因素：

Storage conditions: they are suggested to be placed levelly in a ventilated and moistureless location. Attention should be paid to protecting them from water or rain, heat producer, high pressure, excessive bending, acidic and alkaline liquidity as well as organic solvent, because PA66 is hydrophilic and tends to absorb moisture from its surroundings. The absorbing rate and volume are determined by the following factors

— 环境湿度 --- 环境温度 --- 储存时间

— Dampness --- temperature --- Storage time

夏季，天气的温度和相对湿度比较高，即使短期存放，隔热条吸收的水分也会比其他季节多。过高的含水率（超过2%）会影响穿条的质量。

In summer, the temperature is higher and the air is damper. Therefore, thermal barrier strips can absorb more water during a shorter period of storage time. Excessive moisture (over 2%) will exert influence on the quality of the strips.

单捆的隔热条被搬离货架时，有可能会扭曲变形，如果不及及时校直，将会造成永久扭曲变形。

Single-bundled thermal barrier strips may be bended while moved away from the storage racks. It is necessary to straighten them, or the bend will be permanent.

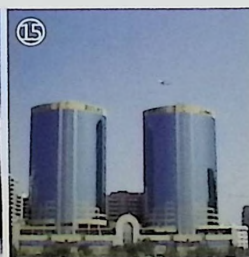
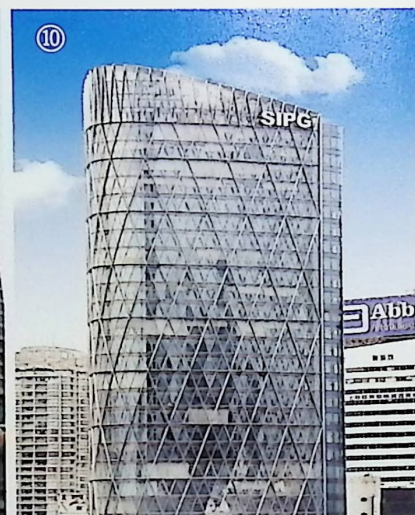
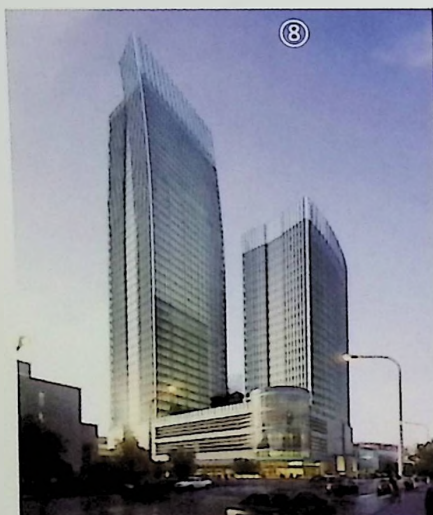
如有任何具体问题，请与我们联系，我们很高兴为您提供相关服务。

Please contact us if you have specific questions. We will be happy to offer you relevant services.

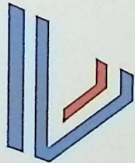
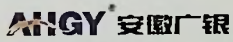
# 工程案例 Project Cases



- ① 上海世博中国馆
- ② 北京国家开发银行
- ③ 北京中青旅大厦
- ④ 上海虹桥机场
- ⑤ 上海中心
- ⑥ 上海环球金融中心
- ⑦ 上海金茂大厦
- ⑧ 苏州中润广场
- ⑨ 大连城市广场
- ⑩ 上海港务大厦
- ⑪ 无锡集智广场
- ⑫ 上海虹桥机场西航站楼
- ⑬ 上海世博村8地块公寓酒店
- ⑭ 北京人民国际大厦
- ⑮ 迪安药业总部大楼



# 部分合作伙伴 Some of Our Business Partners

|                                                                                                                                                                    |                                                                                                                                       |                                                                                                                                     |                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <p>兴发</p>  <p><b>兴发铝材</b><br/>XINGFA ALUMINIUM PROFILES</p>                        | <p>华建</p>                                            | <p>坚美</p>  <p>坚 美</p>                              | <p>凤铝</p>                                    |
| <p>南山</p>                                                                         | <p>伟业</p>  <p><b>伟 业</b></p>                         | <p>华昌</p>  <p><b>WACANG</b><br/>华昌铝业</p>           | <p>豪美</p>  <p><b>豪美新材</b></p>                |
| <p>三星</p>                                                                         | <p>南平</p>  <p>闽 铝</p>                                | <p>铭帝</p>  <p>铭 帝</p>                              | <p>闽发</p>  <p>闽发铝业</p>                       |
| <p>亚铝</p>  <p>GLAUCO ALUMINUM 廣 銀 亞 鋁</p>                                         | <p>广亚</p>  <p><b>广亚铝材</b><br/>中國著名品牌 中國區域型材料十強之一</p> | <p>中亚</p>  <p><b>中亚铝业</b><br/>ZHONGYA ALUMINUM</p> | <p>新河</p>                                   |
| <p>奋安</p>                                                                       | <p>栋梁</p>                                          | <p>博奥</p>  <p>ROAO</p>                           | <p>鸿昌</p>  <p><b>HCKJ</b></p>              |
| <p>科蓝特</p>  <p><b>科蓝特铝材</b><br/>统一服务热线 400-187-0583<br/>www.krant-china.com</p> | <p>龙图</p>                                          | <p>生信</p>  <p>生信<br/>SHENGXIN</p>                | <p>徽铝</p>  <p><b>Huiv 徽铝</b></p>            |
| <p>凯米特</p>  <p><b>KEMET</b><br/>凯 米 特</p>                                       | <p>西飞</p>  <p>AVIC</p>                             | <p>和顺</p>  <p><b>和顺铝业</b><br/>HARMONIOUS</p>     | <p>山东伟业</p>  <p><b>SHANYI</b><br/>山一铝材</p> |
| <p>富丽华</p>  <p><b>富丽华铝业</b><br/>FULLYWOW ALUMINUM</p>                           | <p>广银</p>  <p><b>ANGY 安徽广银</b></p>                 | <p>昊方</p>                                        | <p>加多利</p>                                 |



<http://www.shyoutai.com>

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Dali Town, Nanhai District, Guangdong Province  
Foshan Ping Shi Bu Cun  
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Machinery Industrial Park, Danleng County  
Meishan City, Sichuan Province,  
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