



SIJIA Roller Shutter Door Material 思嘉卷帘门材料



公司简介 ABOUT US

SIJIA constantly provides new environmental protection material products and professional services to more than 100 countries and regions of the world, including modern transportation, medical, construction, outdoor sports and leisure, competitive sports and other 18 major industries, proposing different application solutions for the market.

SIJIA strictly follows ISO9001 Quality Control System. It builds an overall process Quality Assurance System (QAS) from raw materials, technical formula and quality monitoring to products delivery. Meanwhile, SIJIA invites the experienced European expert, who has fully improved R&D, technology, product quality, and ensures excellent and stable products to our clients.

With the most advanced production lines in the world and experienced professional technical team, SIJIA can produce the most suitable products based on different needs of customers.

福建思嘉环保材料科技有限公司 FUJIAN SIJIA INDUSTRIAL MATERIAL CO.,LTD.

■ ADD: 福建省福州市晋安区宦溪镇思嘉工业园
SIJIA Industrial Park, Huanxi Town, Jin'an District, Fuzhou, Fujian, China

■ WEB: www.sjiacn.com

■ TEL: 0591-87956888

■ FAX: 0591-87956333

■ EML: sijia@sjiacn.com

■ ZIP: 350012

思嘉为全球100多个国家及地区的现代交通运输、医疗、建筑、户外运动休闲、体育竞技等18大行业领域,源源不断地输送新型环保材料产品及专业服务,为市场提供不同的需求应用解决方案。

公司严格按照ISO9001质量管理体系运行,建立了从原辅材料进厂、工艺配方、在线品质监控到成品出厂全过程的质量保证体系(QAS),同时,聘请欧洲资深研发专家为总工程师,对研发、技术、品质全面加强管理及提升,确保为客户提供品质优异、稳定的产品。

凭借全球最先进的生产线、经验丰富的专业技术团队,思嘉可根据客户不同的需求生产适合的产品。

思嘉环保材料科技(上海)有限公司 SIJIA NEW MATERIAL (SHANGHAI) CO.,LTD.

■ ADD: 上海市金山区漕泾镇求真路8号

SIJIA Industrial Park, No.8 Qiuzhen Road, Caojing Town, Jinshan District, Shanghai, China

■ TEL: 021-67256333

■ FAX: 021-67256098

■ EML: sales@sjiacn.com

■ ZIP: 201507

福建思嘉新材料科技有限公司 FUJIAN SIJIA NEW MATERIALS TECHNOLOGY CO., LTD.

■ ADD: 福建省福州市福清市新厝镇思嘉新材料科技产业园
SIJIA New Materials Tech Park, Weiliu Road, Xincuo Town, Fuqing City, Fujian Province, China

■ TEL: 400-877-0877

■ EML: sijiatex@sijiatex.com



思嘉集团官网

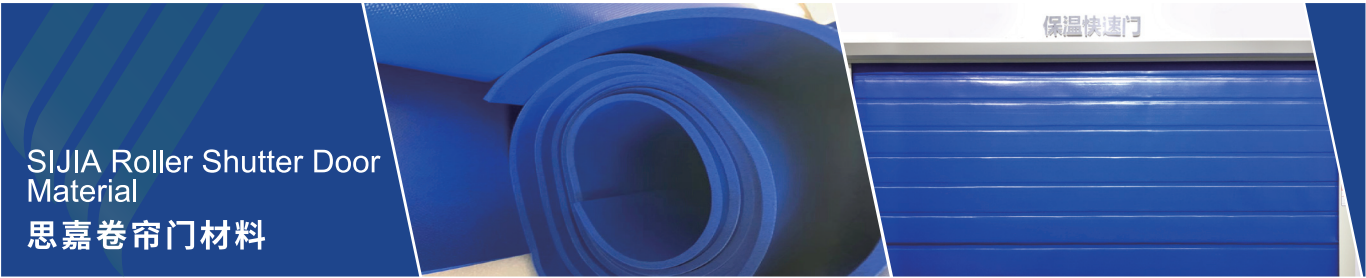


思嘉集团公众号



思嘉新材公众号

Spotless 洁 净
Stable 稳 定
Soft 柔 软



Product Introduction / 产品介绍

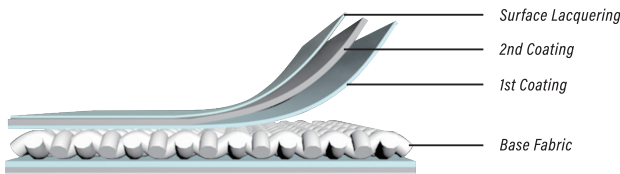
The fast Roller door shutter is a barrier free isolation door that can control the rapid lifting and accurate positioning of the curtain through PLC, frequency converter, encoder, etc. It is mainly used for fast isolation in applications to ensure good air quality in the isolation space; Dustproof, waterproof, fireproof, and resource-saving functions for enterprises.

The main body of a traditional hard Roller shutter is mainly made of aluminum alloy, stainless steel, and other materials, which has the disadvantages of poor sealing effect, obvious noise, high energy consumption, slow response, high cost, relatively heavy, cumbersome assembly, and inconvenient maintenance; The new soft Roller door shutter has the functions of insulation, pest control, wind control, dust control, sound insulation, fire prevention, odor control, lighting, and other functions. It is light in the material, complete in color, easy to make, fast in installation, and safe to use. Widely used in food, chemistry, textiles, electronics, supermarkets, refrigeration, logistics, storage, production workshops, and other places.

SIJIA Roller door shutter material adopts high-strength industrial polyester fiber with a double-sided PVC knife coating process, and special treatment on the PVC surface to make it have superior physical and mechanical properties such as tensile strength, tear resistance, peel resistance, etc., and realize the characteristics of good flattening, good welding effect, high color fastness, excellent cold resistance, etc., which improves the self-cleaning ability, weather resistance and service life of soft fast door curtains.

SIJIA Rolling Door Shutter material is widely used in fast doors, stacking doors, large flexible doors, aircraft hangar doors, cold storage doors, and other semi-permanent construction fields. Materials can be customized according to the project and customers' requirements. Sijia always adheres to high-quality and strict requirements. Sijia company's production and research and development capabilities, quality control, brand reputation, etc. have been highly praised by users and are trustworthy.

SIJIA foaming insulation material for Rolling Door Shutters uses PVC resin as raw material and uses a high-quality foaming agent to catalyze the raw material's gasification inside the PVC fabric which emerges a lot of og foam in PVC with 4 to 6 times cubage after foaming, PVC is reduced the density under the situation of not lowering the technical performances, and is reduced at least 10% weight. And it can be formed at one time, by cooperating with surface lacquering made by the advanced coating equipment and technology. This foaming technology is at the international leading level and is widely used in the application field of Roller door shutters.



SIJIA foaming insulation material not only has various characteristics of other Roller shutter materials but also has characteristics unmatched by conventional materials:

思嘉保温发泡材料，不仅具备其他卷帘门材料的各种特性，更具有常规材料不可比拟的特性：

- Thermal block performance :**
Reduce the running off of heat to keep warm in winter, and locking the exchange of heat and cold air and keep cold air inside to reduce the cooling cost in summer.
- Noise reduction performance:**
Block the air transmission and reduce the speed of air transmission to attract the noise inside and reduce nols outside.
- Shock resistance performance:**
The foaming structure can reduce the impact force to buffer and absorb shocks.
- Flexiblilty performance:**
Reshape quickly after several time's pound and twisted deformation and not deform permanently.

快速卷帘门是一种通过PLC、变频器、编码器等控制门帘快速升降、准确定位的无障碍隔离门，在应用中主要起到快速隔离，保证隔离空间良好的空气质量；防灰尘、防水、防火，节约企业资源等作用。

传统硬质卷帘门主体以铝合金、不锈钢等材质为主，存在密闭效果不佳、噪音明显、能耗高、响应慢、成本高、较为笨重、组装繁琐、维修不便等缺点；新型软质卷帘门具有保温、保冷、防虫、防风、防尘、隔音、防水、防火、防异味及采光等功能，材料轻盈、颜色齐全、制作简易、安装快捷、使用安全，并广泛用于食品、化学、纺织、电子、超市、冷冻、物流、仓储、生产车间等多种场所。

思嘉凭借最先进的设备与专业的技术团队，致力于膜材的研发与不断创新，满足不同领域的应用需求，与您携手，共同促进行业的发展。

思嘉卷帘门材料采用高强度工业聚酯纤维双面刀刮PVC涂层工艺，并对PVC表面做特殊处理，使其具有抗拉、抗撕、抗剥离等优越物理机械性能，并且实现了展平度佳、焊接效果好、色牢度高、耐寒效果优异等特性，提升了软质快速门帘的防污自洁能力、耐候性能及使用寿命。

思嘉卷帘门材料广泛应用于快速门、堆积门、大型柔性门、飞机库门、冷库门及其它半永久性建筑领域，可根据项目及客户需求定制材料。思嘉始终坚持高品质、严要求，公司的生产研发实力、品质管控、品牌口碑等倍受广大用户好评，值得信赖。

思嘉推出的卷帘门用保温发泡材料，以PVC树脂为原材料，使用高性能发泡剂催化材料内部PVC的气化，使其中出现大量细微泡沫。发泡后的PVC材料体积可达到常规材料的4-6倍，在力学性能不损失的情况下降低密度，减轻至少10%的重量；再配合先进的涂层设备和技术工艺进行表面处理，便可一次成形。这项发泡技术处于国际领先水平，在卷帘门应用领域得到广泛使用。

- 热阻隔性能：**
冬天减少热量的流失，保温效果好:夏天能阻隔冷热空气交换，锁住冷气，减少制冷成本。
- 降噪性能：**
能有效阻隔空气的传播，降低空气的传播速度，达到吸收内部噪音，降低外部噪音的效果；
- 抗冲击性能：**
蓬松的物理形态，对高冲击有很强的吸收能力，能缓解力的反作用，达到缓冲、吸震的效果；
- 回弹性能：**
受到多次连续冲击和翘曲变形后会很快恢复原始形状，而不会产生永久变形。

Items 项目	Type 型号	Test Method 测试方法	J701AA	J901AA	J080AA	J120AA
Titer of Yarn (dtex) 织造丝规格		DIN ISO 2060	1100	1100	1100	1670
Yarn Count 纱线支数(yarn/cm)		DIN EN 1049-2	7/7	12/12	12/12	12/12
Weave Style 织造方式		DIN ISO 9354	L1/1	P2/2	P2/2	P2/2
Weight of Base Fabric 基布重量 (g/m²)		DIN EN 12127	160	180	210	270
Total Weight 总重量(g/m²)		DIN EN ISO 2286-2	700	900	1000	1450
Total Thickness 总厚度(mm)		DIN EN ISO 2286-3	0.57	0.72	0.80	1.2
Tensile Strength (N/5cm) 拉伸强度 (N/5cm)		EN ISO 1421	2500/2200	4200/4000	4200/4000	6200/5800
Tear Strength 撕裂强度 (N)		DIN 53363	350/300	550/450	550/450	950/850
Adhesion 剥离强度 (N/5cm)		EN ISO 2411	> 100	>120	> 120	>120
Threshold Temperature 极端适用温度 (°c)		DIN EN 1876-1	-30°C/+70°C	-30°C/+70°C	-30°C/+70°C	-30°C/+70°C
Surface Treatment 表面处理	Acrylic					
Flame Retardancy 防火标准	G8624-B ₁ / DIN 4102-B ₁					
Quality Management 生产标准	ISO 9001 / ISO 14001					

- The above technical data are arithmetic averages with a permissible error of 5%.
以上技术数据为算术平均值,允许误差5%。
- The buyer shall be fully responsible for the application of the product or any third-party use of them.
买家对产品的应用或者他们任何第三方其他用途负全责。
- All the above data are provided as the best advice we can offer for the use of the product and should not be construed as a legal statement.
以上所有数据是我们能为产品的用途提供最好的建议，不作为法律声明。
- As our technology continues to improve, the product is also constantly being upgraded, and we reserve the right to modify the product features at any time.
随着我们技术的不断改进,产品也在不断升级,我们保留随时修改产品特性的权利。

Product Application / 产品应用

SIJIA Rolling Door Shutter Material is widely used in food, chemistry, textiles, electronics, supermarkets, refrigeration, logistics, storage, production workshops, and other places, and is suitable for fast doors, stacking doors, large flexible doors, aircraft hangar doors, cold storage doors and other semi-permanent construction fields.

广泛用于食品、化学、纺织、电子、超市、冷冻、物流、仓储、生产车间等多种场所，适用于快速门、堆积门、大型柔性门、飞机库门、冷库门及其它半永久性建筑领域。

Product Characteristic / 产品特性

Material has high and low temperature resistance, bending resistance, buffering, quiet, high abrasion resistance, so the can effectively isolate and protect different environments, with insulation, pest control, wind control, dust control, sound insulation, fire prevention, odor control, lighting and other functions.

材料耐高低温，耐曲绕，缓冲、静音、高强抗摩擦，使得快速卷帘门能高效地隔离防护不同环境，具有保温、防虫、防风、防尘、隔音、防火、防异味、采光等多项功能。