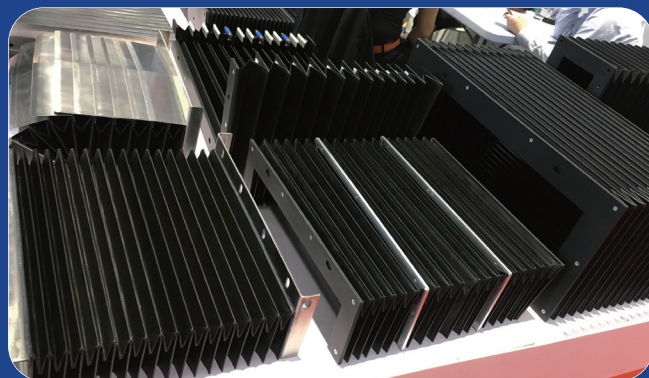
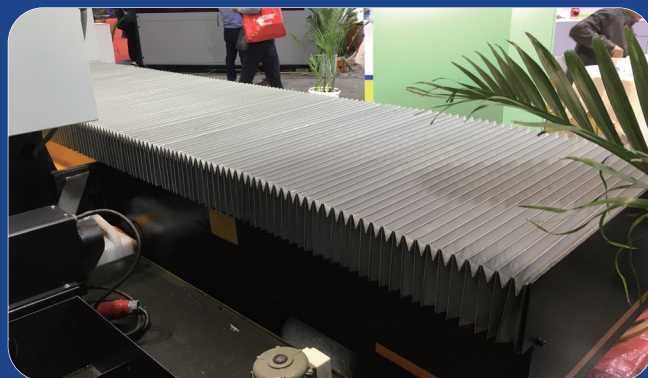
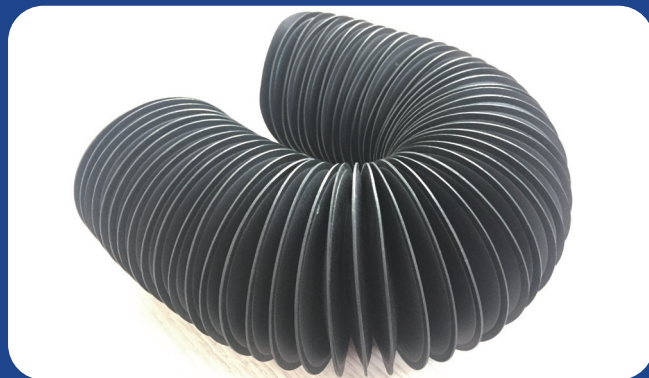
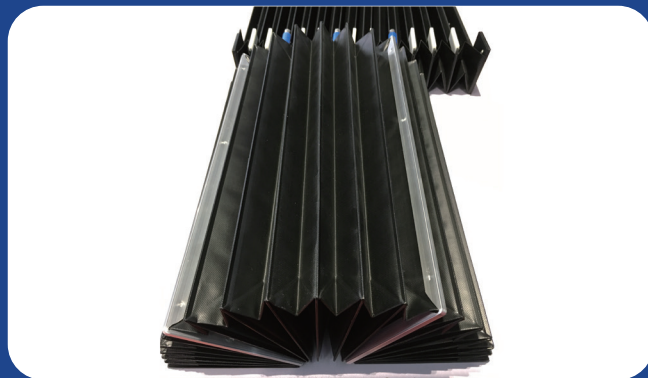




SIJIA Machine Bellows Fabric 思嘉防护罩材料



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.

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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.

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

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思嘉集团官网

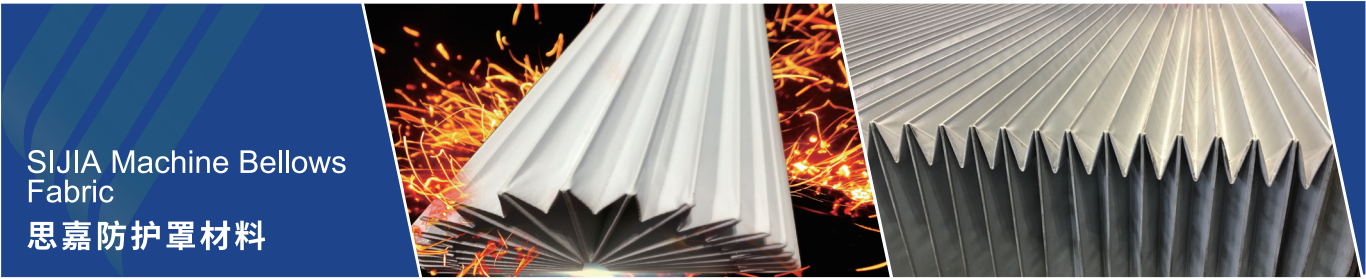


思嘉集团公众号



思嘉新材公众号

Hard and straight 硬挺
Fold resistance 耐折叠
Corrosion resistance 耐腐蚀



Product Introduction / 产品介绍

The flexible machine bellow material is a machine tool protective cover that uses PVC raw materials and advanced hot bonding or adhesive bonding technology to firmly bond with the internal PVC skeleton. It has the characteristics of small size, lightweight, fast speed, high stability, noiseless operation, long service life, and low cost, and is widely used in CNC machine tools, electronic equipment, stone machinery, glass machinery, injection molding machines, robots, door and window machinery Protection of lifting equipment, lifting and transportation equipment, automated warehouses, and precision testing instruments from contamination by sewage, dust, impurities, oil, corrosive gases, and liquids.

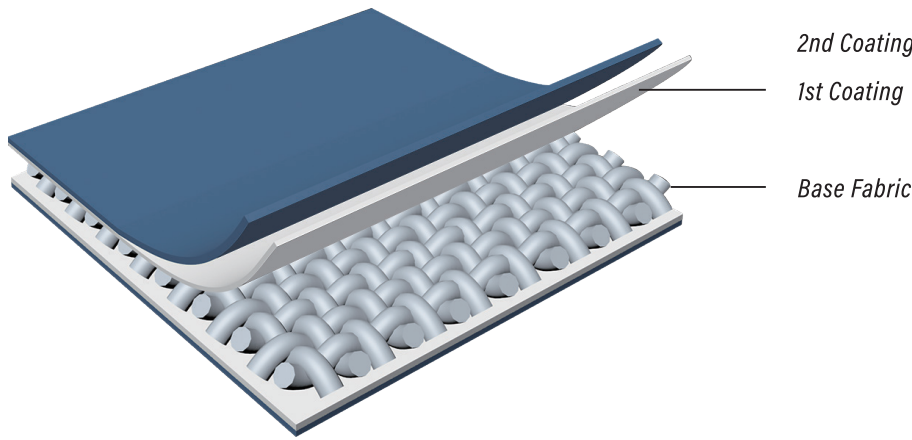
SIJIA Flexible machine bellow material adopts high-strength industrial polyester fabric with PVC two sides coated process, and special treatment in PVC surface, making it have superior physical and mechanical properties such as tensile strength, tear resistance, and peel resistance, etc., and it has achieved strong folding resistance, high welding and adhesive fastness, good flexibility, friction resistance, cold resistance, and flame retardancy, improving the weather resistance and service life of protective cover products; Materials with different thicknesses can meet the wide stretching and compression space requirements of mechanical equipment. The protective cover of the organ is usually made of matte black material, which has a beautiful appearance and can greatly improve the grade of the machine tool.

SIJIA machine bellow material protects various equipment and instruments, and can effectively play a protective role so that its operational capacity is fully guaranteed. It can reduce the risk of damage to components and the frequency of maintenance and ensure the machining accuracy of the machining center, but also improve its aesthetics.

柔性风琴式防护罩，是一种机床防护罩，采用PVC原材料通过先进的热粘接技术或胶粘接技术，与内部的PVC骨架牢固地粘接在一起，具有体积小、重量轻、速度快、稳定性高、运行无噪音、使用寿命长、成本低等特点，广泛应用于数控机床、电子设备、石材机械、玻璃机械、注塑机、机械手、门窗机械、升降设备、起重运输设备、自动化仓库以及精密测试仪器的防护，使其免受污水、灰尘、杂质、油污、腐蚀性气体和腐蚀性液体的污染。

思嘉防护罩材料采用高强度工业聚酯纤维双面涂覆PVC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，并且实现了耐折叠能力强、焊接和胶粘牢度高、柔韧性好、耐摩擦、耐寒和阻燃效果好等特性，提升了防护罩产品的耐候性能及使用寿命；不同厚度的材料可以满足机械设备宽泛的拉伸压缩空间需求。风琴防护罩通常选用哑黑材料，外观精美，能够极大提高机床档次。

思嘉防护罩材料为各种设备、仪器保驾护航，能够有效地起到防护作用，使其运行能力得到充分保障，降低部件损伤风险和减少维修频率，保证加工中心的加工精度，同时也能提高其美感。



Product Characteristics / 产品特性

- Excellent physical and mechanical properties with excellent resistance to bending and bending, and long service life.
- The expansion ratio can be greater than 10:1, making it easy and fast to operate.
- Stable chemical structure, with characteristics such as acid and alkali resistance, coolant resistance, oil resistance, flame retardancy, chip resistance, waterproofing, and dust prevention.
- The hardness and softness are just right, facilitating the processing of irregular structures while ensuring the rigidity of the protective cover product.
- High welding fastness, strong adhesive ability, and a flat and beautiful appearance without wavy lines.

- 耐屈挠物理机械性能优异，使用寿命长。
- 伸缩比值可大于10:1，运行轻便快速。
- 化学结构稳定，具有耐酸碱、耐冷却剂、耐油、阻燃、防腐、防水及防尘等特性。
- 软硬度恰到好处，便于异形结构的加工，同时保证防护罩产品的硬挺。
- 焊接牢度高，胶粘能力强，且外观平整美观，无波浪纹。

Items 项目	Type 型号	Test Method 测试方法	FHZ028	FHZ038	FHZ080
Titer of Yarn (dtex) 织造丝规格		DIN ISO 2060	275	925	1100
Yarn Count 纱线支数(yarn/cm)		DIN EN 1049-2	16/16	9/9	9/9
Weave Style 织造方式		DIN ISO 9354	L 1/1	L 1/1	L 1/1
Weight of Base Fabric 基布重量 (g/m²)		DIN EN 12127	90	175	210
Total Weight 总重量(g/m²)		DIN EN ISO 2286-2	360	450	1000
Total Thickness 总厚度(mm)		DIN EN ISO 2286-3	0.28	0.38	0.80
Tensile Strength 拉伸强度 (N/5cm)		EN ISO 1421	1200/1000	2500/2200	3000/2800
Tear Strength 撕裂强度 (N)		DIN 53363	100/80	280/250	350/300
Adhesion 剥离强度 (N/5cm)		EN ISO 2411	>100	>100	>100
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
Surface Treatment 表面处理	----				
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 Applications / 产品应用

Used in the manufacture of machine bellow, widely used in the protection of equipment and instruments such as CNC machine tools, electronic equipment, stone machinery, glass machinery, injection molding machines, manipulators, door and window machinery, lifting equipment, lifting and transport equipment, automated warehouses and precision test instruments.

用于制造风琴防护罩，广泛应用于数控机床、电子设备、石材机械、玻璃机械、注塑机、机械手、门窗机械、升降设备、起重运输设备、自动化仓库以及精密测试仪器等设备仪器的防护。