



CERAMIC LINER PIPE

输送陶瓷管



研发
R&D



生产
Production



销售
Sales



售后
After sales



产品类型 Product types

产品名：内衬整体陶瓷管道

用途：原材料气力运输

Product name : Ceramic liner pipe

Use : Air pressure feed of raw materials



DN100法兰

DN100 Flange



DN100直管1000mm JIS100A相当品

DN100 Straight pipe 1000mm JIS100A or equivalent



DN100直管2000mm

DN100 Straight pipe 2000mm



DN100弯头45度

DN100 Elbow 45 degrees



DN250直管1000mm JIS250A相当品

DN250 Straight pipe 1000mm JIS250A or equivalent



DN250弯头90度

DN250 Elbow 90 degrees



可视化玻璃管

Visual glass tube



原料投入管

Raw material input pipe

【应用领域】

电池原料 磁性材料 电子材料 化学原料 树脂 医药品 化妆品 食品

【Application】

Battery raw materials Magnetic materials Electronic materials Chemical raw materials Resin Pharmaceuticals Cosmetics Food

产品特点 Product Features

正极材料的输送中杜绝金属异物！

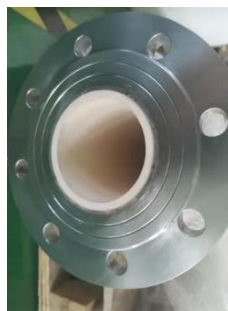
Eliminate metal foreign matters during the transportation of cathode materials!

内衬整体陶瓷管道特点

1. 粉体接触部由全氧化铝陶瓷镶嵌
2. 管道部无缝不锈钢管 法兰部使用SUS304
3. 氧化铝纯度为95%以上，厚度可选3~10mm
4. 确保耐磨损，耐腐蚀，耐高温，防静电
5. 管道观察部位可用强化耐高温玻璃制造

Features of integral ceramic lined pipe

1. The powder contact part is inlaid with all alumina ceramic.
2. Seamless stainless steel pipe is used for pipe part, and SUS304 is used for flange part.
3. The purity of alumina is above 95%, and the thickness can be 3 ~ 10mm.
4. Ensure wear resistance, corrosion resistance, high temperature resistance and anti-static.
5. The observation part of the pipeline can be made of reinforced high temperature resistant glass.



MODEL : SG-103 CUSTOMER:	
Fig. No.	100A
Water Size	JIS 10K MP
Pressure	ATM
Temperature	AMB
Material	
Flange	SUS304
Tube	Hard Glass
Flow Direction	Free
O/D	10 Set
Length	380mm
Remark	
NO. DESCRIPTION MATERIAL	
1. Body	SUS304
2. Nut	SUS304
3. Glass	Hard Glass
4. Pust	SUS304
5. Ceramic Lined	Ceramic
6. Packing	PTFE



DN25到DN250的长度可自由选择。

也可设计日本JIS标准的管道。

The length from DN25 to DN250 can be freely selected.

Japanese JIS standard pipes can also be designed.

内衬的陶瓷为整体烧结,表面光滑。

采用高温胶黏剂环氧树脂填充。

陶瓷细腻能耐600℃高温。

内衬整体陶瓷,更加符合食品级、药级安全标准。

The ceramic lining is integrally sintered with smooth surface.

Filled with high-temperature adhesive epoxy resin.

The ceramic is delicate and can withstand high temperature of 600 °C.

The whole ceramic lining is more in line with food grade and drug grade safety standards.

其他公司不具备的优点和特长
Advantages and specialties that other companies do not have.



管道绝缘静电对策

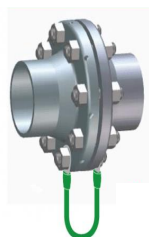
Countermeasures for pipe insulation static electricity

如何处理带静电的原材料?

How to deal with raw materials with static electricity?



答案是法兰接地线!!
The answer is the flange ground wire !!



这是所有韩国正极材料

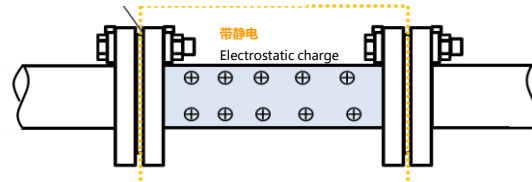
制造商的标准装备!

This is all Korean cathode materials
manufacturer's standard equipment!



由于密封法兰是绝缘状况

Since the sealing flange is insulated.



垫圈是绝对必要的,
但在法兰之间绝缘
并在管道中产生静电...

Gaskets are absolutely necessary.

But insulated between flanges,
and generate static electricity in the pipeline...

用电线或金属板将法兰相互连接以消除
法兰之间的电位差,从而释放电荷,防止静电

Connect flanges to each other with wires or metal plates to eliminate
Potential difference between flanges to release charge and prevent static electricity.



四氟垫片
PTFE gasket

陶瓷管道间利用法兰以及四氟垫片连接。

进一步保证了管道连接时的密封性!

Ceramic pipes are connected by flanges and PTFE gaskets.
Further ensuring the tightness of pipeline connection!



我司作为电池材料加工设备的生产厂家具有丰富的经验。
 设计安装的输送管道具有耐火、隔热等功能。
 连接管道时所使用的垫片为PTFE材质，
 使正极材料完全不会接触到金属物。
 我司拥有工期二年以上的大型项目的以往业绩。
 如需电池材料等粉体输送管道工程，敬请联系我司。

As a manufacturer of battery material processing equipment, our company has rich experience.

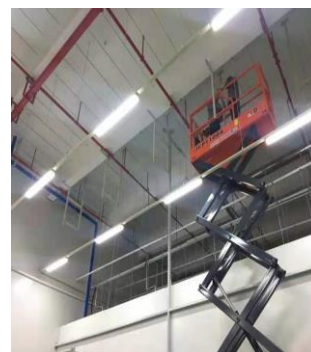
The transmission pipeline designed and installed has fire resistance, heat insulation and other functions.

The gaskets used for connecting pipes are PTFE,

So that the cathode material does not come into contact with the metal at all.

Our company has past achievements in large-scale projects with a construction period of more than two years.

If you need powder conveying pipeline engineering such as battery materials, please contact us.



整体重量为普通不锈钢管道的5倍。对承重支架要求更高。

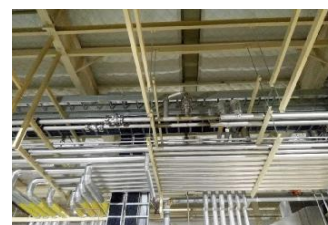
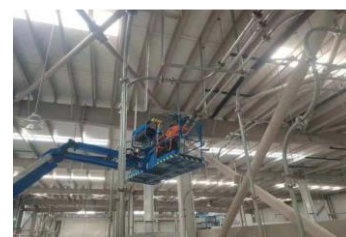
The overall weight is 5 times that of ordinary stainless steel pipes.

Higher requirements for load-bearing support.

**输送管道施工团队,安装施工时始终
 做好保压测试。杜绝漏气、漏粉现象。**

Transmission pipeline construction team, always conduct pressure maintaining test.

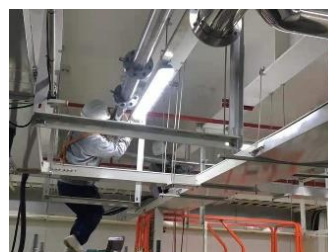
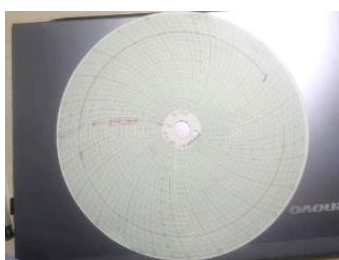
Eliminate air leakage and powder leakage.



**兮然科技拥有管道漏气测试仪
 以上为管道气密性测试照片**

XiRan has a pipeline leakage tester.

The above are the photos of pipeline air tightness test.



交货案例 Example of delivery to customer

出口至韩国C公司
Export to Korean C company



韩国L公司中国工厂
Korea L company China factory



D公司江苏工厂
Jiangsu factory of D company



深圳Y电池工程设备公司
Shenzhen Y battery Engineering Equipment



日本T公司国内工厂
For Japanese T company





高新技术企业
High-tech enterprise



高新技术产品认定
High-tech product identification



中国科学院苏州纳米研究所产学研基地
Suzhou Institute of Nanotechnology, Chinese Academy
of Sciences, Designation of Joint Research Centers



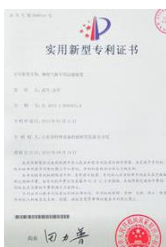
中南大学合作设立博士生工作站
Collaboration with Central South University
to establish a doctoral internship



ISO9001认证
ISO9001 certification



ISO14001认证
ISO14001 certification



专利证书
Patent certificate

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欧洲CE认证
CE certification in Europe



韩国KCs认证
KCs certification in Korea



进出口业务许可证
License of import and export business



防爆设备安装认证
Explosion-proof equipment
installation certification



防爆设备维护认证
Explosion-proof equipment
maintenance certification

锂电设备 粉体机器

