

A large, stylized graphic on the left side of the page shows several thick, blue, rectangular panels standing upright, with some smaller, circular blue rolls at the base. To the right of this graphic, a large green rectangular area contains the product name.

# Meteryflex

## Rubber Foam Insulation

**美特瑞斯橡塑**

**华美节能科技集团有限公司**  
HUAMEI ENERGY - SAVING TECHNOLOGY GROUP CO.,LTD.

节能创新 华美保温

Energy saving and innovation Huamei insulation

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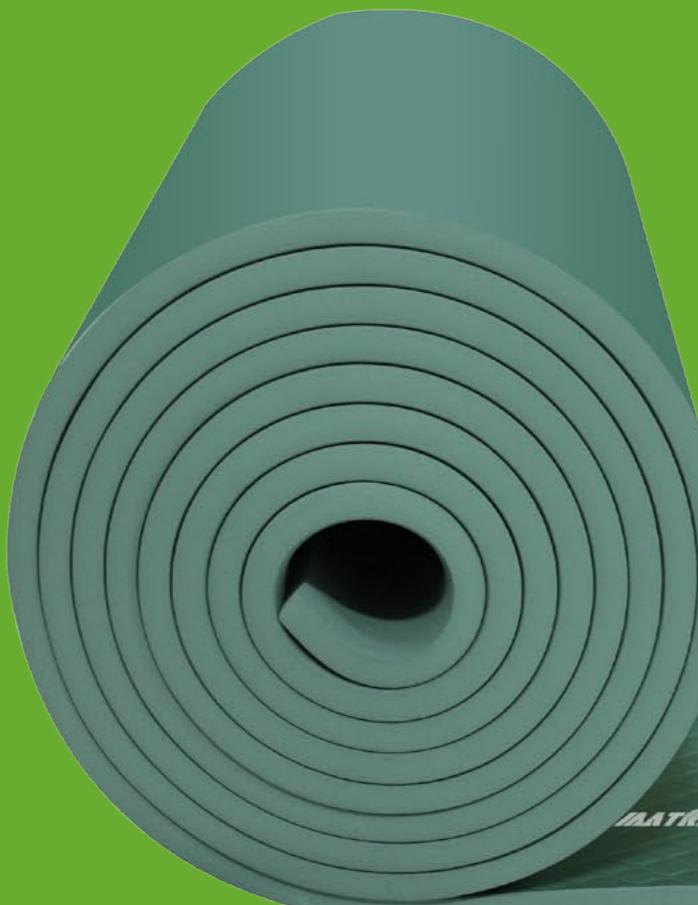
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## 企业简介 COMPANY INTRODUCTION

美节能科技集团坐落于京津冀、环渤海经济圈中心地带，是集研发、生产、销售于一体的大型企业集团。下设七个分公司十个产业园区，专业化生产橡塑绝热保温材料、离心玻璃棉、挤塑聚苯乙烯保温板（XPS）等绝热节能产品。

在全球倡导节能环保的今天，华美节能科技集团以一流的生产技术和产业优势，在绝热节能行业独树一帜。卓越的品质、完善的服务、便捷的交通、快速及时的物流系统，使“华美”牌产品覆盖全国各省、直辖市和自治区，广泛应用于北京奥运会主体育场（鸟巢）、首都国际机场3号航站楼、国家大剧院、京津高铁、上海世博园、广州白云机场、北京城市副中心、北京新机场、雄安市民服务中心等著名建筑和重点工程，并出口欧洲、美洲、非洲、俄罗斯、澳大利亚、日本、韩国及东南亚等国家。

华美节能科技集团注重加强管理体系建设，已经通过ISO9001：2008国际质量体系认证、ISO14001-2004环境管理体系认证，OHSAS18001:2007职业健康安全管理体系认证、GB/T23331-2012能源管理体系认证。先后荣获“全国诚信守法企业”、“全国AAA级信用企业”、“全国五一劳动奖状”、“国家高新技术企业”、“全国安康杯竞赛活动示范单位”等称号，曾同行业唯一获得“产品质量国家免检”证书，迈入了中国保温建材业高端品牌的行列。“华美”在同行业率先获得“中国驰名商标”、“亚洲名优品牌”“亚洲十大创新力品牌”“中国十大领军品牌”称号，获得阻燃制品标识使用证、三星级绿色建材评价标识认证、建筑保温材料防火安全性能认证、建材防火环保标识使用证、中国节能产品认证、美国FM认证、韩国KS认证、欧盟CE认证、SGS的ROHS产品认证、英国BS476:Part7 & BS476:Part6测试、美国ASTM E84测试，中国绝热节能材料协会副会长单位，河北省企业技术中心，河北省绝热保温材料产业技术研究院依托单位，并参加了国标GB/T 17794-2008、GB/T 13350-2008、GB/T 13350-2017、GB/T 17795-2008、GB8624-2012、GB/T 35608-2017，GB/T 17795-2017的起草，凸显了华美集团的行业影响力和华美产品优异的技术性能，成为中国绝热节能材料行业标志性企业。

华美节能科技集团一直践行“人本、尊重、诚信、创新”的核心价值观，以“创新智造节能精品 匠心铸就世界品牌”为己任，通过专业的生产技术、严谨的管理、超卓的设备，着力打造优质环保节能精品，以绿色节能科技为核心竞争力，为追求成为致力于人类美好生活的全球领先企业而不懈努力。

Huamei energy saving technology group is located in the central zone of beijing-tianjin-hebei region and bohai rim economic circle. It is a large enterprise group integrating r&d, production and sales. It has seven branches and ten industrial parks, specializing in the production of rubber and plastic insulation materials, centrifugal glass cotton, extrusion polystyrene insulation board (XPS) and other thermal insulation products.

Nowadays, the world promoting energy saving and environment protection, with its top-notch production technology and industrial advantages, Huamei Group is unique and unparalleled in the green insulation building materials industry. Excellent quality, perfect service, convenient transportation, prompt and timely logistics system enable "Huamei" to cover all provinces, municipalities and autonomous region, widely used in Project of Beijing Olympic Nation Stadium Bird's Nest, No3 Airport Building of the Capital International Airport, The National Theatre, Jingjin High speed railway, The world Exposition in Shanghai, Baiyun Airport in Guangzhou, Beijing City Sub-center, Beijing new airport, Xiongan Citizen Service Center Famous Building and some other famous projects, and to be exported to Europe, America, Africa, Russia, Australia, Japan and Southeast Asia and other countries.

Huamei energy-saving technology group attaches great importance to strengthening management system construction. It has passed iso9001:2008 international quality system certification, iso14001-2004 environmental management system certification, ohsas18001:2007 occupational health and safety management system certification, and GB/T23331-2012 energy management system certification. Successively won the "national integrity of law-abiding enterprises", "national AAA grade credit enterprise", "national May Day labor diploma", "national hi-tech enterprise", "ankang cup competitions across the country demonstration unit" and so on the title, was the only industry to obtain "product quality inspection-free certificate", ushered in the ranks of China's thermal insulation building materials industry high-end brand. In the same industry first to obtain the Chinese well-known trademark Asian famous brand Top ten innovative brand in Asia China's top ten leading brands, logo use card to get flame retardant products Three-star green building materials evaluation of identity authentication Building insulation materials fire safety certification Building materials fire environmental identity certificate of China energy conservation product authentication The FM certification South Korea KS certification SGS ROHS certification British BS476: Part7 &amp; BS476: Part6 test American ASTM E84 test, vice President unit of China adiabatic energy-saving materials association, enterprise technology center of hebei province, supporting unit of hebei adiabatic insulation materials industry technology research institute, and participated in the drafting of GB/T 17794-2008, GB/T 13350-2017, GB/T 17795-2008, GB8624-2012, GB/T 35608-2017, GB/T 17795-2017, highlights the industrial influence of huamei group and the excellent technical performance of huamei products, becoming a landmark enterprise in China's adiabatic energy-saving materials industry.

Huamei energy-saving technology group has been practicing the "humanism, respect, integrity, innovation" core values, with "innovative smart energy-saving products Originality of world brand" as own duty, through professional production technology, strict management, equipment, strive to make high quality environmental protection and energy saving products, green energy-saving technology as the core competitiveness, to pursue to become committed to the world's leading enterprise of human life and make unremitting efforts.



## METERYFLEX RUBBER FOAM

### 美特瑞斯橡塑

美特瑞斯橡塑是引进国外高端技术设备，经深入研究开发出性能优越的橡塑保温材料。该产品无纤维粉尘，不含甲醛，不含氟等破坏臭氧层的物质，泡孔更微小、均匀，具有更强的撕裂强度和更高的弹性，更大程度提高了该产品的使用性能，主要达到更佳的环保节能降耗效果。本产品表面光滑不易聚集粉尘，无异味，更健康环保。

精彩呈现在每一个细节，精品成就于每一个过程！

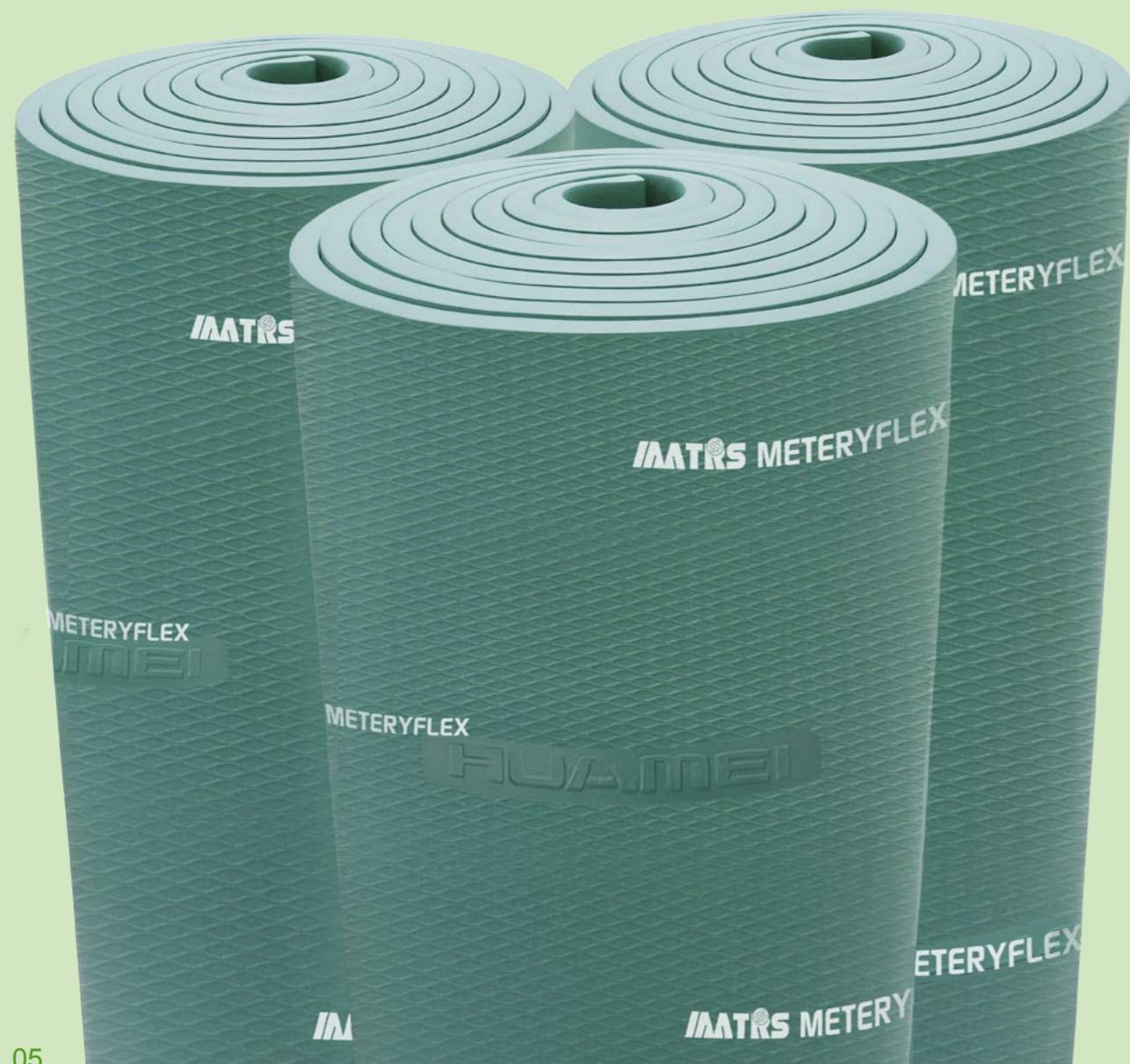
Every Detail Presents Excellence, Each Process Builds Competitive Product !



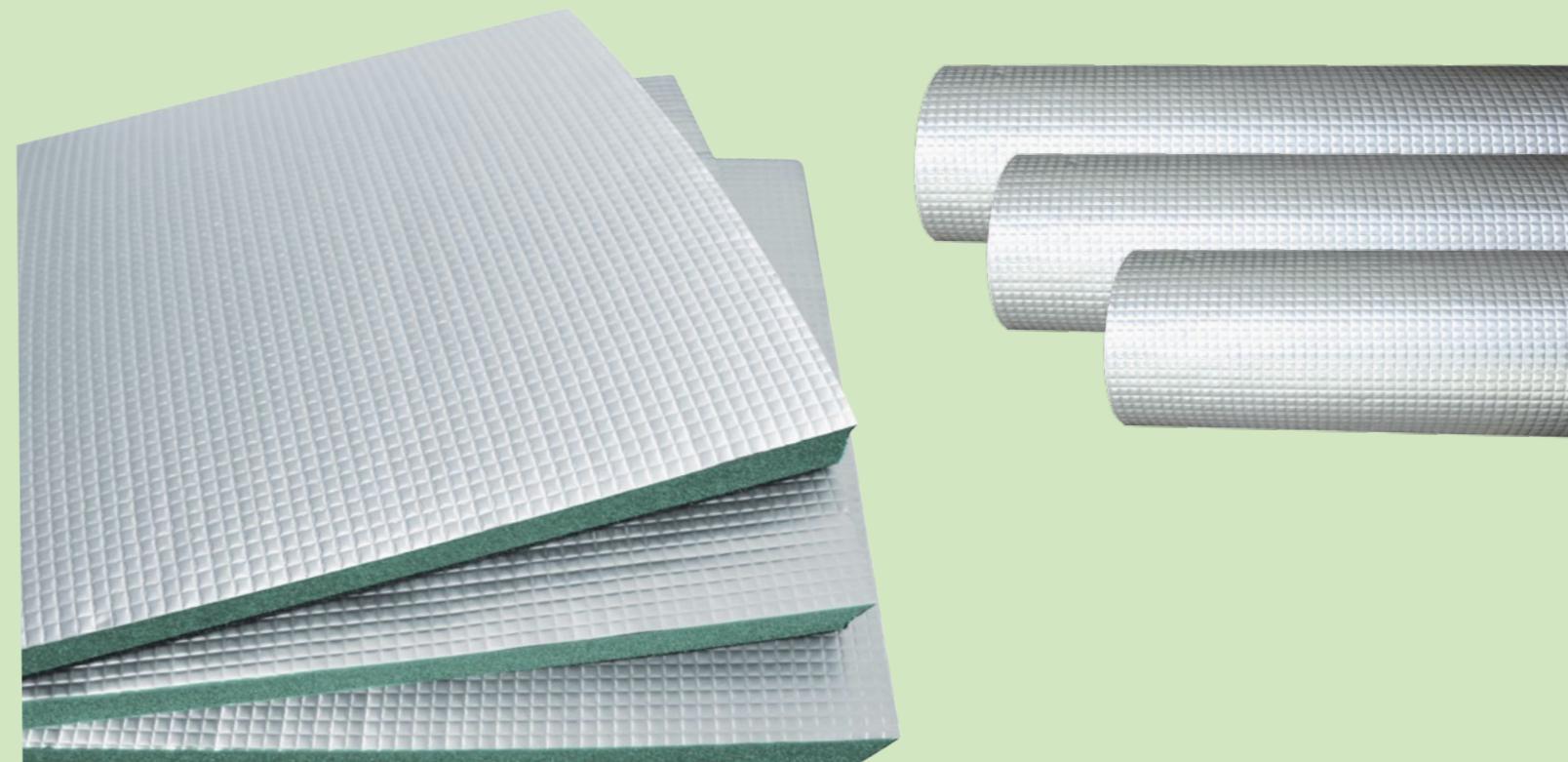
▲ 美特瑞斯橡塑—管材产品  
Meteryflex rubber foam — Pipe products

Meteryflex rubber foam insulation materials has used the equipment which introduced of foreign high-tech equipment,with the in-depth study , developing more superior performance rubber insulation materials. This product is no fiber dust, formaldehyde-free, without Chlorofluorocarbon ( CFC ) and other ozone-depleting substances , with smaller and more even cell , having a stronger tear strength and higher flexibility . Greater extent to improve the product's performance, and achieve better environmental protection energy saving effect. This product is with smooth surface which is not easy to gather dust, no smell, healthier environment.

▼ 美特瑞斯橡塑—板材产品  
Meteryflex rubber foam—sheet products



TM5X5 贴面产品  
TM5\*5 foil-clad products



该产品系本公司根据市场之需，研制出的贴面产品，具备以下特殊优点：

- 1 因该贴面产品体表增加了特制的铝制金属层，更大程度提高了产品的防火性能。
- 2 内部结构添加了特种工艺制做的高分子材料，大大提高了产品的抗撕裂、抗冲击、耐腐蚀性能。

Our company has launched this foil-clad products recently according to the requirements of the market. It has the following special advantages:

- 1 As a specified aluminium layer was added to the appearance of this foil-clad product. So the fire-proof performance can be enhanced in a larger degree.
- 2 Its inner structure adds high molecule materials that was made by special techniques. The crack-resistance, shock-resistance, anti-corrosion performance will be enhanced greatly.

## SUPPLEMENTARY PRODUCTS USED FOR FORMING A COMPLETE SYSTEM

### 配套用辅助产品



#### 美特瑞斯橡塑专用胶水

主要用于管材、板材的接缝及材料与设备等的粘接，该胶水干化时间短，干化后强度高，与美特瑞斯橡塑结合使用能达到最佳使用效果。

#### Metryflex special glue

Mainly used for the seaming of tube and sheet and cementation of materials and equipment. This kind of glue features short drying time and high strength after drying. The best usage result can be obtained when it is used together with Meteryflex rubber foam products.

规格(容量)	Specification ( capacity )
8升/桶	2.5升/桶
8L/barrel	2.5L/barrel



#### 美特瑞斯不干胶专用胶带

主要用于接缝或形状复杂部位的保温。

#### Metryflex non-drying special adhesive tape

Used for joints or heat insulation of irregular parts.

规格(长×宽×厚)	Specification(length×width×thickness)
10000mm×50mm×3mm	10000mm×50mm×3mm

## PRODUCT PERFORMANCE ADVANTAGES

### 产品性能优势



科技飞速发展的今天，好产品的创造离不开先进、精密的设备和优质的原材料。华美集团国际化优质原材料供应商、国际先进的设备保证，铸就了超强优势的产品。

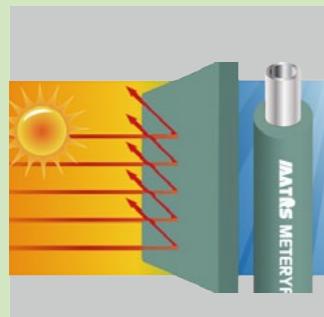
华美集团建立有完善的原料供应体系，精选出符合标准所需的原料，经过精确称量配料，接受严密的中间流程控制和严格的最终产品检验，确保产品性能指标完全优于 GB/T 17794-2008 的要求。

Nowadays science and technology is developing rapidly. A good product can't be created without advanced and precise equipment and excellent raw materials. Huamei group owns international quality raw materials suppliers and adopts the international advanced equipment to ensure perfect and high quality products.

Huamei Group owns a perfect supply system of raw materials. It can choose the raw materials that satisfy standard. Through accurate weighing and ingredients. Receiving the tightly middle process control and strict product testing. Ensuring the specification of product completely better than the requirement of GB/T 17794-2008.

## PRODUCT PERFORMANCE ADVANTAGES

### 产品性能优势



#### 导热系数低

##### Low conductivity factor

美特瑞斯橡塑具有较低的导热系数，在0°C时， $\lambda \leq 0.034 \text{ W/m}\cdot\text{K}$ ，而它的表面放热系数高，由于泡孔微小均匀，不易破裂，能够持久保持住低导热系数。在相同的外界条件下，为达到相同的保温效果，美特瑞斯橡塑的使用厚度相对比较薄。

Meteryflex rubber foam insulation materials has the lower conductivity factor , Conductivity factor of this material is 0.034w/m.k at average temperature 0 °C . As this product has high surface heat liberation rate, and with smaller and more even cell ,so it is not easy to break, and can lasting hold lower thermal conductivity .Under the same external conditions, in order to achieve the same insulating effect, the thickness of using the Meteryflex rubber foam insulation is relatively thin.

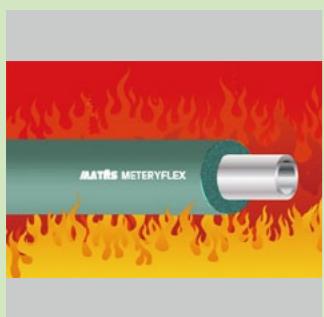


#### 防潮性能好

##### Good damp-proof property

放大图片显示美特瑞斯橡塑绝热材料的完全闭孔式发泡结构，大大降低吸水率和蒸汽渗透率。闭孔式发泡具有良好的防潮能力，因此在大多数用途上无需另加防潮层。

Enlarging the images of the Meteryflex Rubber Foam Insulation Material shows that completely closed-cell foam structure , greatly reduces water absorption and vapor permeability . Closed-cell foam has good moisture resistance, therefore the most purposes without additional moisture barrier.

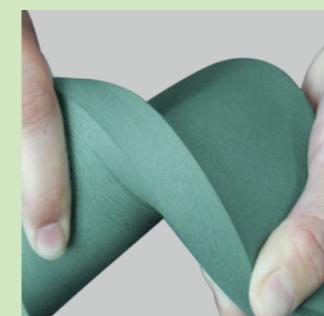


#### 阻燃性能好

##### Good fire-blocking

美特瑞斯绝热管材和板材防火性能优越，符合GB8624-2012《建筑材料及制品燃烧性能分级》。本产品燃烧时产生的烟浓度低，而且与其它保温材料不同的是美特瑞斯橡塑遇火不熔化，亦不会滴下着火的火球，具有自熄灭特征。

Meteryflex rubber insulation tubes and boards have excellent fire performance , conforming the standard of GB8624-2012<classification for burning behavior of building materials and products> .Concentration of smoke produced by burning the product is low, Meteryflex rubber insulation is different from other insulation materials . It shall not be melted when touched with fire and no any burning balls will be fallen down. The material has self-extinguishing characteristic.

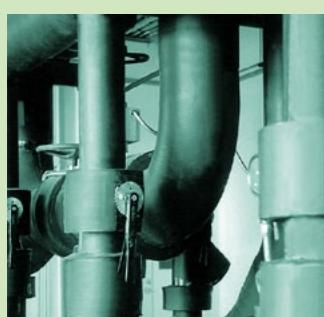


#### 抗撕裂强度高

##### High tear strength

撕裂强度是由于材料中的裂纹和裂口受力迅速扩大而导致破坏的现象。美特瑞斯橡塑由于泡孔细微更不易受外力影响而破坏，和普通橡塑相比，大大提高了产品的抗撕裂强度。

Tear strength was a destruction phenomenon that caused by the rapid expansion force of cracks and cracks in the materials .Since the cell of the Meteryflex Rubber Foam Insulation Material is tinier,it is less susceptible to damage by external force, compared with ordinary rubber, greatly improving the tear strength of the product.



#### 弹性好、抗震性能强

##### Good elasticity and Vibration resistance

美特瑞斯橡塑绝热材料具有很高的弹性，因而能最大限度地减少冷冻水和热水管道在使用过程中的震动和共振。

Meteryflex Brand Rubber Foam Heat-Insulating & Heat-preservation Material has high elasticity, can reduce the vibration and resonate of the hot/cold water pipes during using in the largest degree.



#### 其它优点

##### Other advantages

因本产品富柔軟性，安装简易方便。美特瑞斯橡塑为绿色表面，又因本材料外表有橡胶的光滑平整不易聚集粉尘，杜绝了细菌的滋生，很好的保护了室内的健康环境。同时，不含有害工质的配方体系，无异味，无甲醛挥发，更健康环保。

Because of this product is elastic and softness, it is easy to be installed . Meteryflex Rubber Foam Insulation Material is with a green and smooth surface which is not easy to gather dust, preventing the breeding of bacteria , protecting the health of the indoor environment well . while, it is free of harmful refrigerants formula system, no smell, no formaldehyde volatile, more healthier and environmental.



## PRODUCT TESTING EQUIPMENT

### 产品检测设备



## THE PRODUCT APPLICATION SCOPE

### 产品应用范围



美特瑞斯闭孔式橡塑材料用于建筑业、商业、工业用大罐体设备和管道的绝热保温，中央空调风管的保温，家用空调、汽车空调、钢管连接管保温套等。

美特瑞斯闭孔式橡塑材料广泛应用于运动器材护套、垫片及救生潜水服。

美特瑞斯开孔式橡塑材料可用于墙板隔音，风道吸音及娱乐场所的吸音装饰，并可用于仪器、设备的抗冲、减压作用。

Meteryflex closed pore rubber materials are used for the heat-insulating and heat-preservation of shell of big tanks and piping in the construction,business and industry,heat insulation of air ducts of central air conditioners, heat insulation of joint pipes of household air conditioners and automobile air conditioners.

Meteryflex closed pore rubber materials are widely used in the protection of sport equipment, in cushions and diving suits.

Meteryflex open pore rubber materials are used in sound isolation of wall planking, sound absorption in air ducts, and sound absorbing decorations in entertainment spaces. It can also be used for shock resistance and pressure relief in instruments and equipment.

# PROJECT PERFORMANCE

## 工程业绩

经典案例  
The classic case



济南国际会展中心



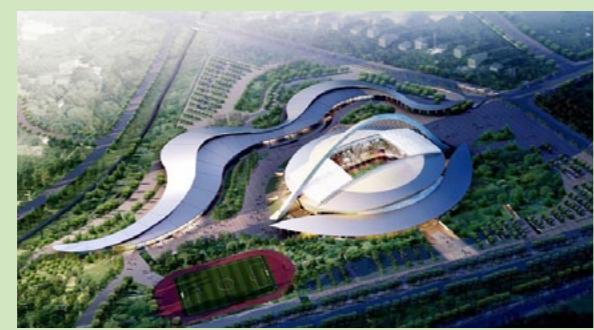
长沙国际金融大厦



西安国际机场



四川天府软件园



鄂尔多斯东胜全民健身活动中心体育场



昆明顺城双塔



大庆油田办公楼



贵州省政府

## 华北地区

## 北京部分业绩

朝阳区区政府办公楼  
北京银都中心  
北京捷晨太阳能项目

## 天津部分业绩

天津天士力制药厂  
天大天财软件大厦

## 河北部分业绩

石家庄长安大厦  
秦皇岛东阿集团

## 山西部分业绩

山西介休大厦  
山西万家寨引黄工程管理局基地处  
内蒙古部分业绩

康巴什万力国际家居中心  
鄂尔多斯那达慕运动场项目

## 东北地区

## 东北部分业绩

沈阳东北制药厂  
吉林省安装公司  
吉林省百盛购物广场

## 华东地区

## 山东部分业绩

济南明珠商务港  
滨州亚光毛巾厂车间保温  
日照市碧波大酒店  
威海市立医院病房大楼  
青岛汇利华国际贸易有限公司  
潍坊创新创业园  
邹平中医院

## 江苏部分业绩

江苏涟水润发  
南京利德隆大型超市  
南京高速齿轮箱厂江宁厂区  
连云港职业技术学院  
苏州工业园区霞飞诺工程

## 上海部分业绩

上海日调器厂  
上海宏嘉大厦  
安徽部分业绩

合肥海润光伏项目  
宁国路青年大厦  
舒城舒怡国际酒店  
安徽庐江罗河铁矿工地

## 江西省部分业绩

南昌市老干部活动中心  
大润发赣州店  
江西省军区招待所  
南昌赣江宾馆

## 联创光电

江西余干发电厂  
江西沃尔玛广场分店  
浙江部分业绩

浙江义乌都市花园  
大润发浙江东台店  
台州国际大酒店

杭州延安路中国移动大厦  
浙江省舟山医院

杭州亿丰家居建材城  
福建部分业绩

漳州吉马家具广场  
晋江市政府行政中心

## 华中地区

## 河南部分业绩

许昌瑞贝卡办公楼  
信阳市中心医院

## 湖南部分业绩

中国农业博览会日用品批发大市场  
长沙市锦绣华天  
郴州华天大酒店

## 株洲轻轨火车车辆厂

湖北部分业绩

武汉市第四医院  
湖北宜昌创世纪环保有限公司  
武汉市新华大酒店  
武汉市利岛花园

武汉华氏百货  
宜兴金丝烟草公司

## 华南地区

## 广东部分业绩

惠州华贸中心  
华南碧桂园  
南方医院康复楼  
江门丽宫酒店  
珠海方正集团厂房工程

## 广西部分业绩

柳州卷烟厂  
柳州市龙城地下商业街  
柳州市职工之家

## 西南地区

## 四川部分业绩

成都都江堰大润发  
同辉国际购物中心  
成都中广电 TFT-LCD 基板玻璃生产线  
成都蜀都制冷工程有限公司

四川省气象局雷达塔  
成都商行改造工程  
蓝光 BBC 观光岭会所

## 贵州部分业绩

贵阳铭都酒店  
贵阳医学院  
独山县人民医院

## 云南省部分业绩

昆明生物制药研究所  
昆明金鹰购物广场  
玉溪沃森洁净厂房项目

## 重庆部分业绩

富士康重庆电脑基地生产车间  
重庆时代天骄大厦  
重庆市老干部中心大楼

## 陕西部分业绩

西安妇幼活动中心  
西安市高压开关厂  
榆林神府宾馆

# Meteryflex Rubber Foam Insulation

## 华美节能科技集团有限公司

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