



WANZHI STEEL

2021

钢材产品介绍

Brief Introduction of Steel Product

—— 万智 · 集团 ——

WANZHI GROUP



万众同心，智慧先行

UNITE AS ONE,

LEAD WITH

WISDOM.

万智钢铁是中国领先的钢铁产品生产商，负责协调销售，仓储，深加工，分销，出口，以满足客户对钢铁供应链的需求。

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公司概况

Company Profile

万智钢铁是中国领先的钢铁产品生产商，负责协调销售，仓储，深加工，分销，出口，以满足客户对钢铁供应链的需求。

我们的办公室位于河南省郑州市，工厂位于山东省，靠近青岛港。我们的产品涵盖碳钢，不锈钢，冷轧和热轧板，GI，GL，PPGI，PPGL，瓦楞屋顶板，夹心墙板，角钢，钢筋，钢管，钢带等，根据客户要求定做。

Wanzhi Steel is a leading manufacturer of steel products in China, which coordinates sales, warehousing, deep processing, distribution, exporting to meet customers' steel supply chain needs. Our office is located in Zhengzhou, Henan Province, and the factory is in Shangdong Province, which is near to Qingdao Port. Our products cover carbon steel, stainless steel, cold-rolled and hot-rolled sheet, GI, GL, PPGI, PPGL, corrugated roofing sheet, sandwich wall panel, steel angle, steel bar, steel tube, steel strip, etc., which can be customized according to customers requirements.



工厂车间
Factory workshop



工厂车间
Factory workshop



屋面彩钢瓦

Color Coated Corrugated Steel Roofing

彩钢瓦，是采用彩色涂层钢板，经辊压冷弯成各种波型的压型板。

它适用于工业与民用建筑、仓库、特种建筑、大跨度钢结构房屋的屋面、墙面以及内外墙装饰等，具有质轻、高强、色泽丰富、施工方便快捷、抗震、防火、防雨、寿命长、免维护等特点，现已被广泛推广应用。

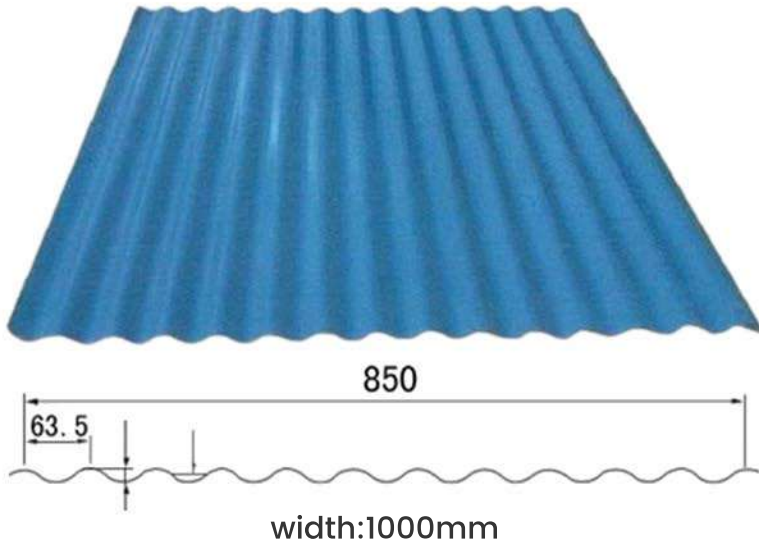
屋面彩钢瓦是应用于屋顶的彩钢瓦。

Color steel tile is made of color coated steel sheet, cold bending by roller press into the profiled steel sheet with various wave shape.

It is used for industrial and civil buildings, warehouses, special buildings, large span steel structure housing roof, wall and interior and exterior wall decoration, it also has the characteristics of light weight, high strength, rich color and lustre, convenient and fast construction, anti-seismic, fire prevention, rainproof, long life, maintenance free, and it has been widely promoted and applied now.

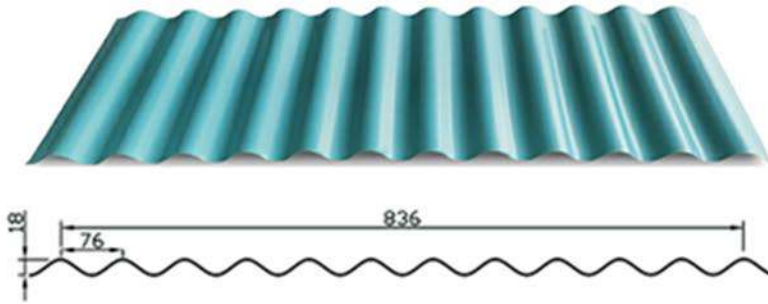
Color coated corrugated steel roofing is applied to the roof.

型号 (Model):Wanzhi-14-63.5-850 型



压型钢板型号 Model	Wanzhi-14-63.5-850		
有效覆盖宽度 (mm) Effective Width	850		
展开宽度 (mm) Overall Width	1000		
板厚 (mm) Thickness	0.5	0.6	0.8
截面惯性矩 (cm ⁴ /m) Sectional Moment of Inertia	1.84	2.25	3.04
截面抵抗矩 (cm ³ /m) Section Resistance Moment	2.04	2.50	3.37

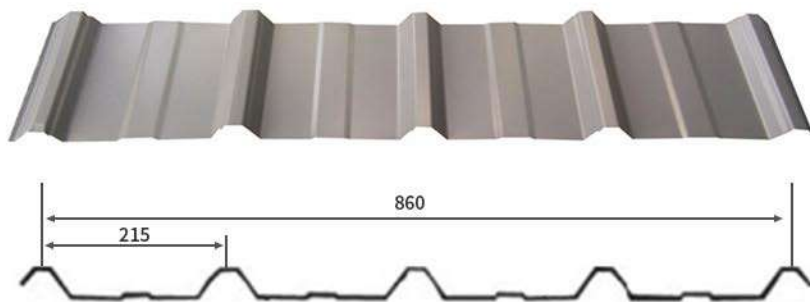
型号 (Model):Wanzhi-18-76-836 型



width:1000mm

压型钢板型号 Model	Wanzhi-18-76-836	
有效覆盖宽度 (mm) Effective Width	836	
展开宽度 (mm) Overall Width	1000	
板厚 (mm) Thickness	0.5	0.6
截面惯性矩 (cm ⁴ /m) Sectional Moment of Inertia	2.45	2.94
截面抵抗矩 (cm ³ /m) Section Resistance Moment	2.57	3.07

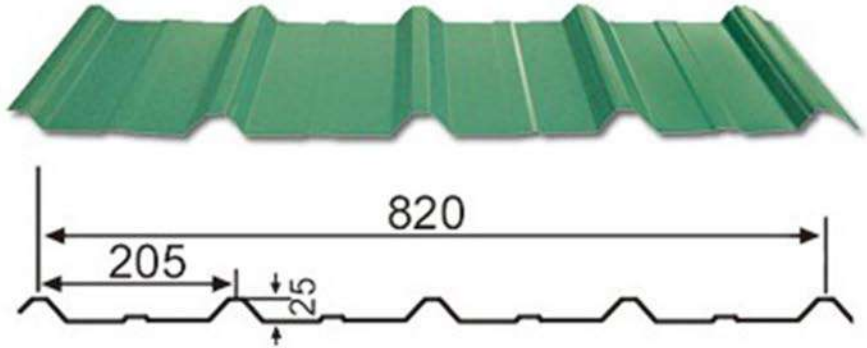
型号 (Model):Wanzhi-20-215-860 型



width:1000mm

压型钢板型号 Model	Wanzhi-20-215-860		
有效覆盖宽度 (mm) Effective Width	860		
展开宽度 (mm) Overall Width	1000		
板厚 (mm) Thickness	0.5	0.6	0.8
截面惯性矩 (cm ⁴ /m) Sectional Moment of Inertia	8.01	10.74	14.02
截面抵抗矩 (cm ³ /m) Section Resistance Moment	3.62	5.92	7.98

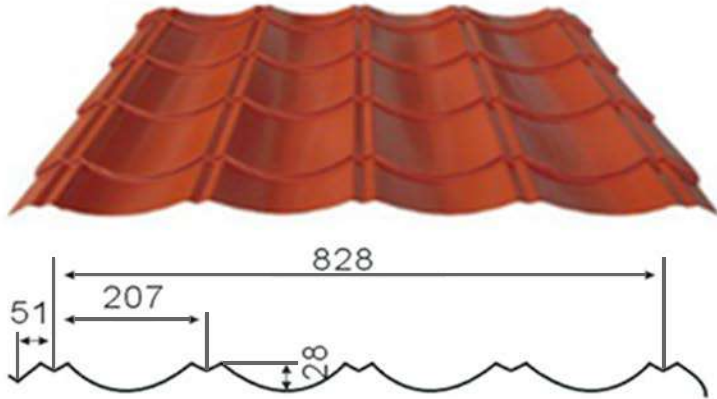
型号 (Model):Wanzhi-25-205-820 型



width:820mm

压型钢板型号 Model	Wanzhi-25-205-820	
有效覆盖宽度 (mm) Effective Width	820	
展开宽度 (mm) Overall Width	1000	
板厚 (mm) Thickness	0.5	0.6
截面惯性矩 (cm ⁴ /m) Sectional Moment of Inertia	4.38	5.32
截面抵抗矩 (cm ³ /m) Section Resistance Moment	7.18	8.55

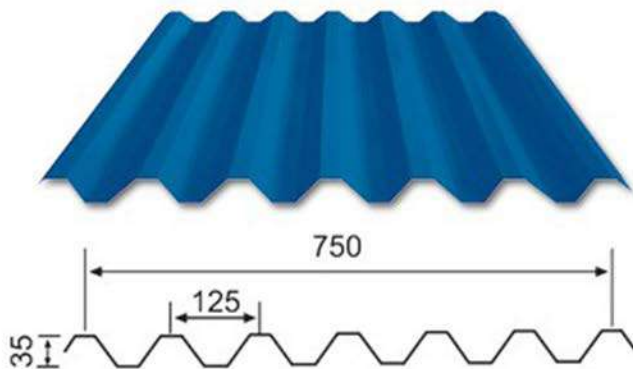
型号 (Model):Wanzhi-28-207-828 型



width:1000mm

压型钢板型号 Model	Wanzhi-28-207-828	
有效覆盖宽度 (mm) Effective Width	850	
展开宽度 (mm) Overall Width	1000	
板厚 (mm) Thickness	0.5	0.6
截面惯性矩 (cm ⁴ /m) Sectional Moment of Inertia	14.8	17.76
截面抵抗矩 (cm ³ /m) Section Resistance Moment	12.32	14.76

型号 (Model):Wanzhi-35-125-750 (V-125) 型



width:1000mm

压型钢板型号 Model	Wanzhi-35-125-750 (V-125)	
有效覆盖宽度 (mm) Effective Width	750	
展开宽度 (mm) Overall Width	1000	
板厚 (mm) Thickness	0.5	0.6
截面惯性矩 (cm ⁴ /m) Sectional Moment of Inertia	11.54	13.85
截面抵抗矩 (cm ³ /m) Section Resistance Moment	6.23	7.48



镀锌圆管

Galvanized Steel Round Pipe

镀锌圆管是一种由镀锌带钢或镀锌板卷制成的圆形横截面的钢管。它是通过冷弯形成的，然后通过高频焊接。另一种方法是将预先准备的冷弯空心钢管制成，然后将镀锌圆管热浸镀锌。镀锌圆管在钢表面覆盖厚而致密的纯锌层，可以防止钢材接触任何腐蚀性溶液，并保护钢材不受腐蚀。因此镀锌圆管具有涂层均匀，附着力强，使用寿命长的优点。

Galvanized round pipe is a steel pipe with circular cross-section made of galvanized strip steel or galvanized coil. It is formed by cold bending and then high frequency welding. Another method is to make a cold-formed hollow steel pipe prepared in advance, and then hot-dip galvanize the galvanized round pipe. The galvanized round pipe is covered with a thick and dense pure zinc layer on the steel surface, which can prevent the steel substrate from contacting any corrosive solution and protect the steel substrate from corrosion. Therefore, the galvanized round pipe has the advantages of uniform coating, strong adhesion and long service life.

项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	镀锌圆管 (Galvanized Steel Round Pipe)
厚度 (Thickness)	0.3mm-12mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc , other length is Available according to demands)
直径 (Diameter)	15mm-219mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	热轧, 冷轧 (ERW, Hot-rolled, Cold-rolled)
表面处理 (Surface Treatment)	1. 镀锌 2. PVC, 黑色和彩色喷漆 3. 透明油, 防锈油 4. 根据客户要求 (1. Galvanized 2. PVC, Black and color painting 3. Transparent oil, anti-rust oil 4. According to clients requirement)
产品应用 (Product Application)	广泛用于结构件, 配件, 建筑, 流体运输, 机械零件, 汽车拖拉机零件的受力零件等 (Widely used in Structure, Accessorize, Construction, Fluid transportation, machinery parts, the stress parts of the automobile tractor parts and so on)

镀锌圆管的理论重量计算: $[\text{外径 (mm)} - \text{厚度 (mm)}] * \text{厚度 (mm)} * \text{长度 (m)} * 0.02466 = (\text{kg} / \text{pcs})$

注意: 0.02466是该公式的系数, 该系数是固定的。例如, 镀锌钢管管外径为20mm, 厚度为2mm, 长度为6m, 则每片的重量将为5.33 kg $[(20-2) * 2 * 6 * 0.02466 \approx 5.33\text{kg} / \text{pcs}]$

Theoretical weight calculation of galvanized round pipe: $[\text{outer diameter (mm)} - \text{thickness (mm)}] * \text{thickness (mm)} * \text{length (m)} * 0.02466 = (\text{kg} / \text{pcs})$

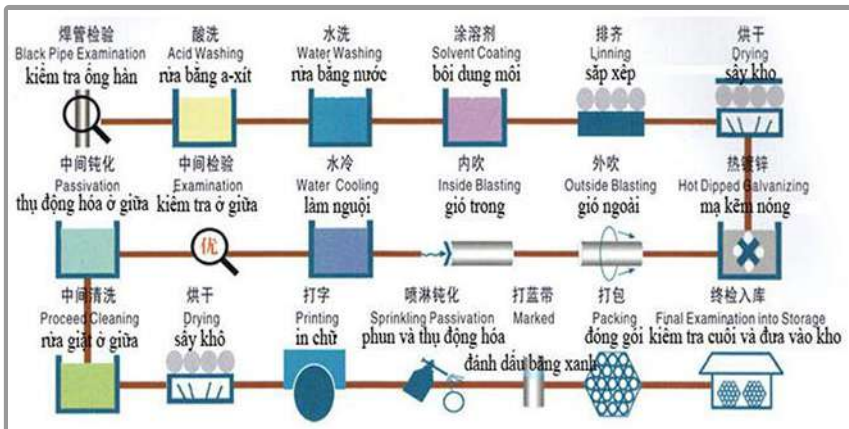
Note: 0.02466 is the coefficient of this formula, which is fixed. For example, if the outer diameter of the galvanized steel pipe is 20mm, the thickness is 2mm, and the length is 6m, the weight of each piece will be 5.33 kg $[(20-2) * 2 * 6 * 0.02466 \approx 5.33\text{kg} / \text{pcs}]$

镀锌圆管的制造工艺 (Galvanized Steel Round Pipe Making Process)

处理流程为：

黑管→碱洗→水洗→酸洗→水洗→浸泡剂→干燥→热浸镀锌→外吹→内吹→风冷→水冷→钝化→水洗→干燥→仓储

- 1.碱洗：去除钢管表面的油。
- 2.酸洗：去除钢管表面的氧化皮。
- 3.水冲洗：去除附着在钢管表面的残留酸和铁盐。
- 4.浸水剂：去除钢管表面上的所有杂质，确保钢管与锌液保持清洁接触，形成良好的涂层。
- 5.干燥：将钢管浸入锌锅中以防止爆炸。
- 6.热浸镀锌：将整个钢管浸入锌浴中，使钢管表面均匀地镀锌。
- 7.外部吹气和内部吹气：吹走钢管中多余的锌液，获得光滑整洁的外观。
- 8.水冷：为降低镀锌圆管的温度，水冷箱温度控制在80℃。
- 9.钝化：通过用钝化液喷涂和吹制成品管来对镀锌管的表面进行钝化。
- 10.冲洗：洗去多余的钝化液。
- 11.干燥：镀锌圆管穿过带有蒸汽加热管的干燥架，干燥后包装。



The processing flow is:

Black pipe → alkaline washing → water washing → pickling → water washing → soaking agent → drying → hot dip galvanizing → external blowing → internal blowing → air cooling → water cooling → passivation → water washing → drying → storage

1. Alkaline washing: remove the oil on the surface of the steel pipe.
2. Pickling: remove the oxide scale on the surface of the steel pipe.
3. Water flushing: remove residual acid and iron salt attached to the surface of the steel pipe.
4. Water soaking agent: remove all impurities on the surface of the steel pipe to ensure that the steel pipe is in clean contact with the zinc liquid to form a good coating.
5. Drying: Immerse the steel pipe in the zinc pot to prevent explosion.
6. Hot-dip galvanizing: immerse the entire steel pipe in a zinc bath to make the surface of the steel pipe evenly galvanized.
7. External blowing and internal blowing: blow away the excess zinc liquid in the steel pipe to obtain a smooth and tidy appearance.
8. Water cooling: In order to reduce the temperature of the galvanized round pipe, the temperature of the water cooling box is controlled at 80°C.
9. Passivation: Passivate the surface of the galvanized pipe by spraying and blowing the passivation liquid into the product pipe.
10. Flushing: Wash away excess passivation solution.
11. Drying: The galvanized round tube passes through the drying rack with steam heating tube, and is packaged after drying.



镀锌方管

Galvanized Steel Square Pipe

镀锌方管是一种具以热轧或冷轧镀锌带钢或镀锌卷板为坯料经冷弯曲加工成型后再经高频焊接制成的方形截面形状尺寸的空心方形的截面型钢钢管，或将事先做好的冷弯空心型钢管再经热浸镀锌加工而成的镀锌方矩管。

Galvanized square pipe is a hollow square section steel pipe with a square section shape and size made of hot-rolled or cold-rolled galvanized strip steel or galvanized coil as a blank, cold-bent and formed by high-frequency welding. , Or a galvanized rectangular tube made of cold-formed hollow steel pipe prepared in advance and then processed by hot-dip galvanizing.



项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	镀锌方管 (Galvanized Steel Square Pipe)
厚度 (Thickness)	0.6-15mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc , other length is Available according to demands)
直径 (Diameter)	15mm-219mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	热轧, 冷轧 (ERW, Hot-rolled, Cold-rolled)
表面处理 (Surface Treatment)	1. 镀锌 2. PVC, 黑色和彩色喷漆 3. 透明油, 防锈油 4. 根据客户要求 (1. Galvanized 2. PVC, Black and color painting 3. Transparent oil, anti-rust oil 4. According to clients requirement)
产品应用 (Product Application)	1. 用于低压液体输送, 例如水, 气和油 2. 用于建筑, 例如建造温室 3. 围栏管 (1. For low pressure liquid delivery such as water , gas and oil 2. For construction , e.g building greenhouse 3. For fence pipe)

镀锌方管每米理论重量的计算: $4 * \text{厚度} * (\text{边长}-\text{厚度}) * 0.00785$

其中, 边长和壁厚都以毫米 (mm) 为单位, 直接把数值代入上述公式, 得出即为每米方管的重量, 以千克为单位。

Calculation of theoretical weight per meter of galvanized square pipe: $4 * \text{thickness} * (\text{side length}-\text{thickness}) * 0.00785$

Among them, the side length and wall thickness are in millimeters (mm), and the values are directly substituted into the above formula, and the result is the weight of the square tube per meter, in kilograms.

无缝管

Seamless Pipe

无缝钢管是用钢锭或实心管坯经穿孔制成毛管，表面上没有焊接，然后经热轧、冷轧或冷拔制成。镀锌无缝管是指表面镀锌的无缝管，分冷镀无缝管、热镀无缝管。

Seamless steel pipes are made of steel ingots or solid tube blanks through perforation, without welding on the surface, and then made by hot rolling, cold rolling or cold drawing. Galvanized seamless pipe refers to the seamless pipe with galvanized surface, which is divided into cold-plated seamless pipe and hot-dipped seamless pipe.



项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	无缝管 (Seamless Pipe)
壁厚厚度 (Wall Thickness)	4.5-60mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc , other length is Available according to demands)
外径 (Outer Diameter)	21.3mm-762mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	无缝钢管 (Seamless Steel Pipe)
表面处理 (Surface Treatment)	1. 镀锌 2. PVC, 黑色和彩色喷漆 3. 透明油, 防锈油 4. 根据客户要求 (1. Galvanized 2. PVC, Black and color painting 3. Transparent oil, anti-rust oil 4. According to clients requirement)
产品应用 (Product Application)	1. 栅栏, 温室, 门管, 温室 2. 低压液体, 水, 煤气, 油, 管道 3. 用于室内和室外建筑 4. 广泛用于脚手架建筑, 便宜又方便 (1. Fence, greenhouse, door pipe, greenhouse 2. Low pressure liquid, water, gas, oil, line pipe 3. For both indoor and outdoor the building construction 4. Widely used in scaffolding construction which is much cheaper and convenient)

无缝钢管根据用途不同, 有厚壁无缝钢管和薄壁无缝钢管。

According to different purposes, seamless steel pipes include thick-walled seamless steel pipes and thin-walled seamless steel pipes.

焊管

Welded Pipe

焊接钢管也称焊管，是用钢板或带钢经过卷曲成型后焊接制成的钢管，一般定尺6米。焊接钢管生产工艺简单，生产效率高，品种规格多，设备投资少，但一般强度低于无缝钢管。是用带钢焊接的，所以在原来它的地位没无缝管高。

镀锌焊管是在焊接钢管的基础上再热镀锌(即在锌锅内将锌溶化，再将钢管浸入液体锌中一段时间取出，再冷却吹干)，使钢管内外壁同时有一层锌层附着。

Welded steel pipes, also called welded pipes, are steel pipes made of steel plates or strips welded after crimping, and are generally 6 meters in length. The production process of welded steel pipe is simple, the production efficiency is high, the variety and specification are many, and the equipment investment is small, but the general strength is lower than that of seamless steel pipe. It is welded with strip steel, so its status is not as high as a seamless pipe.

Galvanized welded pipe is hot-dip galvanized on the basis of welded steel pipe (that is, the zinc is melted in the zinc pot, the steel pipe is immersed in liquid zinc for a period of time, and then cooled and dried), so that the inner and outer walls of the steel pipe have a layer of zinc at the same time Attached.



项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	焊管 (Welded Pipe)
壁厚厚度 (Wall Thickness)	5.0-28mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc , other length is Available according to demands)
外径 (Outer Diameter)	219mm-3620mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	热轧或者冷轧 (Hot Rolled Or Cold Rolled)
表面处理 (Surface Treatment)	1. 镀锌 2. PVC, 黑色和彩色喷漆 3. 透明油, 防锈油 4. 根据客户要求 (1. Galvanized 2. PVC, Black and color painting 3. Transparent oil, anti-rust oil 4. According to clients requirement)
产品应用 (Product Application)	广泛用于结构管, 用于水油或天然气的低压 流体管, 锅炉管等 (Widely used in structural pipes, low-pressure fluid pipes for water, oil or natural gas, Boiler tube, etc.)

焊管常用材质为: Q235A, Q235C、Q235B、16Mn、20#、Q345、L245、L290、X42、X46、X60、X80、0Cr13、1Cr17、00Cr19Ni11、1Cr18Ni9、0Cr18Ni11Nb等。

Commonly used materials for welded pipes are: Q235A, Q235C, Q235B, 16Mn, 20#, Q345, L245, L290, X42, X46, X60, X80, 0Cr13, 1Cr17, 00Cr19Ni11, 1Cr18Ni9, 0Cr18Ni11Nb, etc.

螺旋管

Spiral Tube

螺旋管也称螺旋钢管或螺旋焊管，是将低碳素结构钢或低合金结构钢带按一定的螺旋线的角度（叫成型角）卷成管坯，然后将管缝焊接起来制成的，它可以用较窄的带钢生产大直径的钢管。

螺旋管主要用于石油、天然气的输送管线，其规格用外径*壁厚表示。螺旋管有单面焊的和双面焊的，焊管应保证水压试验、焊缝的抗拉强度和冷弯性能符合规定。

Spiral pipe is also called spiral steel pipe or spiral welded pipe. It is made by rolling low-carbon structural steel or low-alloy structural steel strip according to a certain spiral angle (called forming angle) into a tube blank, and then welding the pipe seam. , It can produce large-diameter steel pipes with narrower strip steel.

Spiral pipes are mainly used for oil and natural gas pipelines, and their specifications are expressed by outer diameter * wall thickness. Spiral pipes are welded on one side and on both sides. The welded pipe shall ensure that the water pressure test, the tensile strength of the weld and the cold bending performance meet the requirements.



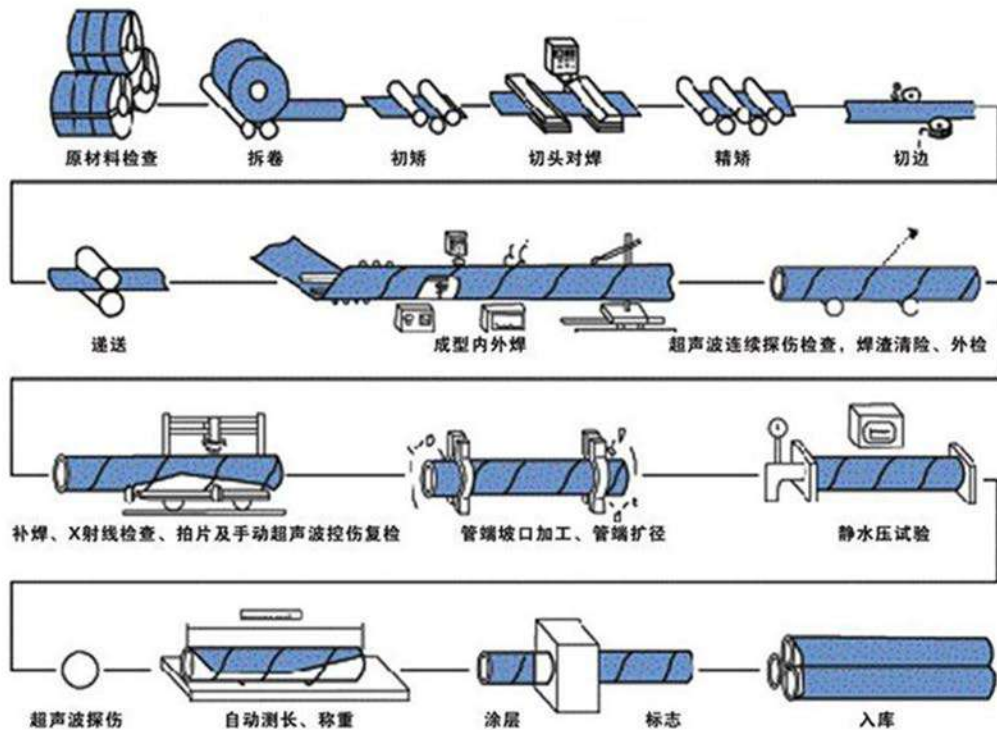
项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	螺旋管 (Spiral Tube)
壁厚厚度 (Wall Thickness)	5.2-30mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc , other length is Available according to demands)
外径 (Outer Diameter)	219mm-3000mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	热轧 (Hot Rolled)
表面处理 (Surface Treatment)	1. 镀锌 2. PVC, 黑色和彩色喷漆 3. 透明油, 防锈油 4. 根据客户要求 (1. Galvanized 2. PVC, Black and color painting 3. Transparent oil, anti-rust oil 4. According to clients requirement)
产品应用 (Product Application)	1. 栅栏, 温室, 门管, 温室 2. 低压液体, 水, 煤气, 油, 管道 3. 用于室内和室外建筑 4. 广泛用于脚手架建筑, 便宜又方便 (1. Fence, greenhouse, door pipe, greenhouse 2. Low pressure liquid, water, gas, oil, line pipe 3. For both indoor and outdoor the building construction 4. Widely used in scaffolding construction which is much cheaper and convenient)

螺旋管的常用标准一般分为:SY/T5037-2018、GB/T9711.1-1997、API-5L、SY/T5040-92。

Commonly used standards for spiral tubes are generally divided into: SY/T5037-2018, GB/T9711.1-1997, API-5L, SY/T5040-92.

螺旋管的生产工艺 (Spiral Tube Production Process)

- (1) 原材料即带钢卷，焊丝，焊剂。在投入前都要经过严格的理化检验。
- (2) 带钢头尾对接，采用单丝或双丝埋弧焊接，在卷成钢管后采用自动埋弧焊补焊。
- (3) 成型前，带钢经过矫平、剪边、刨边，表面清理输送和予弯边处理。
- (4) 采用电接点压力表控制输送机两边压下油缸的压力，确保了带钢的平稳输送。
- (5) 采用外控或内控辊式成型。



椭圆管

Galvanized Steel Oval Pipe

椭圆管，一般是在圆形管的基础上挤压成鸭蛋形状，椭圆异型管分为正椭圆和平椭圆，正椭圆是指弧度对称的鸭蛋形，平椭圆是指两个长面平行直线状，两个短面成圆弧状。

主要广泛用于石油、化工、医疗、食品、轻工、机械仪表等工业输送管道以及机械结构部件等。另外，在折弯、抗扭强度相同时，重量较轻，所以也广泛用于制造机械零件和工程结构。

The oval tube is generally extruded into a duck egg shape on the basis of a circular tube. The elliptical shaped tube is divided into a regular ellipse and a flat ellipse. A regular ellipse refers to a duck egg shape with symmetrical arcs, and a flat ellipse refers to the shape of two long sides parallel and straight. The two short sides are arc-shaped.

Mainly widely used in petroleum, chemical, medical, food, light industry, mechanical instrumentation and other industrial pipelines and mechanical structural parts. In addition, when the bending and torsion strength are the same, the weight is lighter, so it is also widely used in the manufacture of mechanical parts and engineering structures.



项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	椭圆管 (Galvanized Steel Oval Pipe)
壁厚厚度 (Wall Thickness)	0.3-12mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc , other length is Available according to demands)
外径 (Outer Diameter)	0.3mm-3000mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	冷轧, 热轧 (Cold Rolled, Hot Rolled)
表面处理 (Surface Treatment)	黑色退火, 光亮退火, 不退火, 镀锌, 根据客户要求 (Black annealing, bright annealing, no annealing, galvanizing, according to customer requirements)
产品应用 (Product Application)	广泛用于家具, 室内装饰, 流体管道, 石油天然气工业, 钻探, 管道, 结构 (Widely used in furniture, interior decoration, fluid pipeline, oil and gas industry, Drilling, pipeline, structure)

椭圆管是运用冷轧或是热扎的加工工艺方式将窄而长的厚钢板镶上一层锌, 分成热浸镀锌和磷化处理, 热浸镀锌的涂层较为匀称、粘附工作能力强并且使用期长, 具有较强的耐腐蚀性。

The oval tube is cold rolled or hot rolled to inlay a narrow and long thick steel plate with a layer of zinc, which is divided into hot-dip galvanizing and phosphating treatment. The hot-dip galvanizing coating is more uniform and adheres to work. Strong ability and long service life, with strong corrosion resistance.



异型管

Special Pipe

异型管是经冷拔制成各种异型的无缝钢管。异型管一般是根据断面来区分的，按材料来说又可分为无缝钢管异型管，铝合金异型管，塑料异型管。

异型无缝钢管广泛用于各种结构件、工具和机械零部件。和圆管相比，异型管一般都有较大的惯性矩和截面模数，有较大的抗弯抗扭能力，可以大大减轻结构重量，节约钢材。

Special-shaped pipes are seamless steel pipes made into various special-shaped shapes by cold drawing. Special-shaped pipes are generally distinguished according to the broken section, and can be divided into seamless steel pipe special-shaped pipes, aluminum alloy special-shaped pipes, and plastic special-shaped pipes according to the material.

Special-shaped seamless steel pipes are widely used in various structural parts, tools and mechanical parts. Compared with round pipes, special-shaped pipes generally have larger moments of inertia and section modulus, and have greater bending and torsion resistance, which can greatly reduce structural weight and save steel.



项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	异型管 (Special Pipe)
壁厚厚度 (Wall Thickness)	1mm-14mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc., other length is Available according to demands)
外径 (Outer Diameter)	8mm-114mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	热轧 (Hot Rolled)
表面处理 (Surface Treatment)	黑色 / 裸色 / 镀锌 (Black/naked/galvanized)
特点 (Features)	1. 安全, 健康, 环保等特征 2. 经济适用, 表面好 3. 耐腐蚀 4 易切割, 变形大 5 抗拉强度高, 柔韧性好等。 (1. Safety, health, environmental protection and other characteristics 2. Economical and applicable, good surface 3. Corrosion resistance 4 Easy to cut, large deformation 5 Good tensile strength, good flexibility)



衬塑管

Plastic Lined Pipe

衬塑管以镀锌无缝钢管、焊接钢管为基管，内壁去除焊筋后，衬入与镀锌管内等径的食品级聚乙烯（PE）管材，聚乙烯衬层厚度要求符合HG/T 20538-2016标准，最后加压加热一定时间后成型，是传统镀锌管的升级型产品。

The plastic-lined pipes are based on galvanized seamless steel pipes and welded steel pipes. After removing the welding ribs on the inner wall, they are lined with food-grade polyethylene (PE) pipes with the same diameter as the galvanized pipes. The thickness of the polyethylene lining meets HG/T. According to the 20538-2016 standard, it is finally formed after heating for a certain period of time. It is an upgraded product of traditional galvanized pipe.

项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	衬塑管 (Plastic Lined Pipe)
壁厚厚度 (Wall Thickness)	0.8mm-25mm
长度 (Length)	5.5m, 5.8m, 6m, 11.8m, 12m 等其他长度, 可根据要求提供 (5.5m, 5.8m, 6m, 11.8m, 12m etc , other length is Available according to demands)
外径 (Outer Diameter)	60mm-850mm
公差 (Tolerance)	壁厚: $\pm 0.05\text{mm}$ 长度: $\pm 6\text{mm}$ 直径: $\pm 0.3\text{mm}$ (Wall Thickness: $\pm 0.05\text{mm}$ Length: $\pm 6\text{mm}$ Diameter: $\pm 0.3\text{mm}$)
技术 (Technique)	热轧 (Hot Rolled)
表面处理 (Surface Treatment)	黑色漆面, 上油, 3PE, FBE, 环氧树脂, 镀锌 (Black Varnised, Oil coating, 3PE, FBE, Epoxy, Galvanized)
优点 (Advantages)	焊接更短、高精度尺寸、厚度均匀、良好的表面质量而且还可以承受高压。(Shorter welding, high-precision size, uniform thickness, good surface quality and can withstand high pressure)

衬塑管广泛应用于化工行业、电力工程、冶炼行业、矿山行业、制药行业、油田气田、农业喷灌、市政行业等多个行业。

Plastic-lined pipes are widely used in the chemical industry, power engineering, smelting industry, mining industry, pharmaceutical industry, oil field and gas field, agricultural sprinkler irrigation, municipal industry and many other industries.

镀锌管件

Galvanized Pipe Fittings

镀锌管件指的是对管件进行了镀锌的处理，热镀锌管件包括镀锌弯头，镀锌法兰，镀锌弯管，镀锌异径管，镀锌管帽封头。镀锌镀锌层厚，具有镀层均匀，附着力强，使用寿命长等优点。

Galvanized pipe fittings refer to the treatment of galvanized pipe fittings. Hot-dip galvanized pipe fittings include galvanized elbows, galvanized flanges, galvanized elbows, galvanized reducers, and galvanized pipe caps. Galvanized galvanized layer is thick, has the advantages of uniform coating, strong adhesion, long service life and so on.





不锈钢卷管 (Stainless Steel Coil Tube)

不锈钢卷管，一般为直径0.5cm至20mm，厚度0.1cm至2.0mm的盘装或蚊香装弯管；广泛应用于化工，机械，电子，电力，纺织，橡胶，食品，医疗器材，航空，航天，通信，石油等工业领域。

Stainless steel coiled tube, generally 0.5cm to 20mm in diameter, and thickness 0.1cm to 2.0mm in coiled or mosquito-repellent coiled elbows; widely used in chemicals, machinery, electronics, electricity, textiles, rubber, food, medical equipment, aviation, aerospace, Communications, petroleum and other industrial fields.

项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	不锈钢卷管 (Stainless Steel Coil Tube)
厚度 (Thickness)	0.3mm-3mm 或根据客户要求 (or as per customer request)
长度 (Length)	3m-6m 或根据客户要求 (or as per customer request)
外径 (Outer Diameter)	0.05-20mm 或根据客户要求 (or as per customer request)
公差 (Tolerance)	外径: +/- 0.2mm 厚度: +/- 10%或根据客户要求 长度: +/- 10mm (Outer Diameter: +/- 0.2mm, Thickness: +/- 10% or as customer request, Length: +/- 10mm)
标准 (Standard)	ASTM, AiSi, DIN, EN, GB, JIS
材料等级 (Material Grade)	304/201/304L/316/316L
技术 (Technique)	热轧, 冷轧 (Hot rolled/Cold rolled)
表面处理 (Surface Treatment)	抛光, 镜面表面, 光亮, 酸洗 (Polishing, Mirro surface, Bright, Pickling)

不锈钢工业管、超长盘管、U型管、压力管、换热管、流体管、螺旋盘管产品特点：耐高温蒸汽、抗冲击腐蚀、耐氨腐蚀；抗结垢、不容易沾污、抗氧化腐蚀；使用寿命长、减少维修保养时间，节省费用；装管工艺性好、可直接换管，安全可靠；管壁均匀、壁厚只有铜管的50-70%，总体导热系数优于铜管；是老机组改造和制造新设备的理想换热产品。在石油化工、电力、核工业、医药、食品等行业可广泛使用。

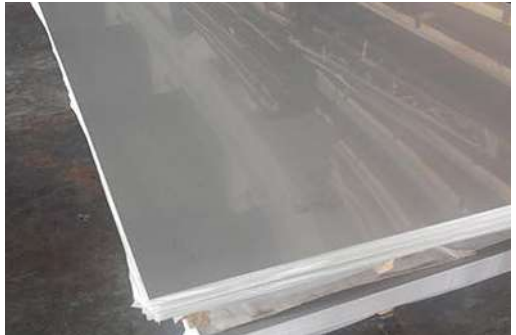
Stainless steel industrial pipes, super long coils, U-shaped pipes, pressure pipes, heat exchange tubes, fluid pipes, spiral coils Product features: high temperature steam resistance, impact corrosion resistance, ammonia corrosion resistance; anti-scaling, not easy to stain, Anti-oxidation and corrosion; long service life, reducing maintenance time, saving costs; good pipe installation technology, direct pipe replacement, safe and reliable; uniform pipe wall, wall thickness only 50-70% of copper pipe, overall thermal conductivity better than Copper tube; it is an ideal heat exchange product for the transformation of old units and the manufacture of new equipment. It can be widely used in petrochemical, electric power, nuclear industry, medicine, food and other industries.

不锈钢薄板

Stainless Steel Sheet

不锈钢板表面光洁，有较高的可塑性、韧性和机械强度，耐酸、碱性气体、溶液和其他介质的腐蚀。它是一种不容易生锈的合金钢，但不是绝对不生锈。厚度在0.2mm-4mm是指不锈钢薄板。

The stainless steel plate has a smooth surface, high plasticity, toughness and mechanical strength, and is resistant to corrosion by acids, alkaline gases, solutions and other media. It is an alloy steel that is not easy to rust, but it is not absolutely rust-free. The thickness of 0.2mm-4mm refers to stainless steel sheet.



不锈钢板具有与不稳定的镍铬合金304相似的抵挡一般腐蚀的能力。在碳化铬程度的温度范围中的长时间加热可能会影响合金321和347在恶劣的腐蚀介质中的。主要用于高温应用，高温应用要求材料有强的抗敏化性，以防止在较低温度的粒间腐蚀。也具有高温抗氧化性，但是，氧化率会受暴露环境以及产品形态等固有因素的影响。

The stainless steel plate has the ability to resist general corrosion similar to the unstable nickel-chromium alloy 304. Long-term heating in the temperature range of chromium carbide may affect alloys 321 and 347 in harsh corrosive media. Mainly used in high temperature applications. High temperature applications require materials to have strong sensitization resistance to prevent intergranular corrosion at lower temperatures. It also has high temperature oxidation resistance, but the oxidation rate will be affected by inherent factors such as exposure environment and product form.

项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	不锈钢薄板 (Stainless Steel Sheet)
厚度 (Thickness)	0.2-4mm
长度 (Length)	根据客户要求 (or as per customer request)
宽度 (Width)	根据客户要求 (or as per customer request)
表面处理 (Surface Treatment)	2B 或根据客户要求 (or as per customer request)
标准 (Standard)	AISI, ASTM, DIN, JIS, GB, JIS, SUS, EN 等 (etc)
材料等级 (Material Grade)	201、202、301、302、303、304、304L, 304H 等 (etc)
技术 (Technique)	冷轧, 热轧 (Cold Rolled, Hot Rolled)
应用 (Application)	建筑, 装修, 厨具, 医疗设备, 石油等 (Construction, Decoration, Kitchenware, Medical Equipment, Petroleum, etc)



不锈钢毛细管 (Stainless Steel Capillary Tube)

不锈钢毛细管是指在空气中或化学腐蚀介质中能够抵抗腐蚀的一种高合金钢，具有美观的表面和耐腐蚀性能好，不必经过镀色等表面处理，而发挥不锈钢所固有的表面性能,使用于多方面的钢铁的一种。

Stainless steel capillary refers to a kind of high alloy steel that can resist corrosion in the air or in chemical corrosive media. It has beautiful surface and good corrosion resistance. It does not need to undergo surface treatment such as coloring, and exerts the inherent surface properties of stainless steel. It is a kind of steel in many aspects.

项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	不锈钢毛细管 (Stainless Steel Capillary Tube)
厚度 (Thickness)	0.12-1.8mm 或根据客户要求 (or as per customer request)
长度 (Length)	6000mm 或根据客户要求 (or as per customer request)
外径 (Outer Diameter)	0.2-13mm 或根据客户要求 (or as per customer request)
公差 (Tolerance)	外径: +/- 0.2mm 厚度: +/- 10%或根据客户要求 长度: +/- 10mm (Outer Diameter: +/- 0.2mm, Thickness: +/- 10% or as customer request, Length: +/- 10mm)
标准 (Standard)	ASTM, AISI, DIN, EN, GB, JIS
材料等级 (Material Grade)	304/201/304L/316/316L
技术 (Technique)	冷轧, 热轧 (Cold rolled, Hot rolled)
表面处理 (Surface Treatment)	抛光, 镜面表面, 光亮, 酸洗 (Polishing, Mirror surface, Bright, Pickling)

不锈钢管

Stainless Steel Pipe

不锈钢管是一种中空长条圆筒状钢材，他的适用范围用作输送流体的管道，主要广泛用于石油、化工、医疗、食品、轻工、机械仪表等工业输送管道以及机械结构部件等。不锈钢管选用材质为耐酸和耐热的牌号的钢坯，经过加热、穿孔、定径、热轧、切削而成。

Stainless steel pipe is a hollow long cylindrical steel. Its scope of application is used as a pipeline for conveying fluids. It is mainly used in petroleum, chemical, medical, food, light industry, machinery and instrumentation and other industrial pipelines and mechanical structural parts. Wait. Stainless steel pipes are made of acid-resistant and heat-resistant steel billets, which are heated, pierced, sizing, hot-rolled, and cut.



项 (Item)	产品参数 (Product Parameter)
产品名称 (Product Name)	不锈钢管 (Stainless Steel Pipe)
厚度 (Thickness)	0.05mm-20mm 或根据客户要求 (or as per customer request)
长度 (Length)	≤12000mm 或根据客户要求 (or as per customer request)
外径 (Outer Diameter)	0.1mm-219mm 或根据客户要求 (or as per customer request)
公差 (Tolerance)	外径: +/- 0.2mm 厚度: +/- 10%或根据客户要求 长度: +/- 10mm (Outer Diameter: +/- 0.2mm, Thickness: +/- 10% or as customer request, Length: +/- 10mm)
标准 (Standard)	ASTM A213, ASTM A312, ASTM A789, ASTM A790
材料等级 (Material Grade)	201/202/304/316/S31803/S32750
技术 (Technique)	冷轧, 热轧或焊接 (Cold Rolled, Hot Rolled or Welded)
表面处理 (Surface Treatment)	抛光, 镜面表面, 光亮, 酸洗 (Polishing, Mirror surface, Bright, Pickling)

不锈钢管是一种经济的断面钢材，是钢铁工业中的一项重要产品，可广泛用于生活装饰和工业，市面上很多人用于制作 楼梯扶手、护窗、栏杆、家具等。常见的有 201 和304 两种材质。

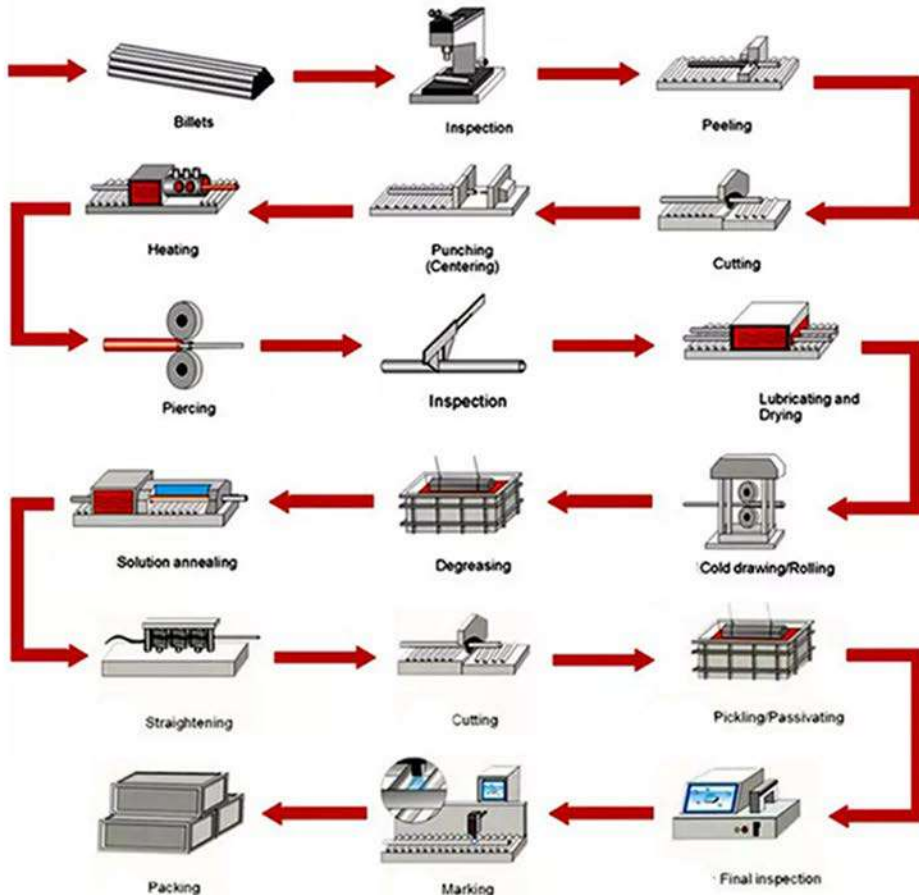
不锈钢管安全可靠、卫生环保、经济适用，管道的薄壁化以及新型可靠、简单方便的连接方法的开发成功，使其具有更多其它管材不可替代的优点，工程中的应用会越来越多，使用会越来越普及，前景看好。

Stainless steel pipe is a kind of economical cross-section steel. It is an important product in the iron and steel industry. It can be widely used in life decoration and industry. Many people on the market use it to make stair railings, window guards, railings, furniture, etc. There are two common materials, 201 and 304.

Stainless steel pipes are safe, reliable, hygienic, environmentally friendly, economical and applicable. The thin-walled pipes and the successful development of new reliable, simple and convenient connection methods give it more irreplaceable advantages for other pipes, and more and more applications in engineering , The use will become more and more popular, and the prospects are promising.

不锈钢管的生产工艺：圆钢准备→加热→热轧穿孔→切头→酸洗→修磨→润滑→冷轧加工→脱脂→固溶热处理→矫直→切管→酸洗→成品检验

The production process of stainless steel pipe: round steel preparation → heating → hot rolling and piercing → cutting head → pickling → grinding → lubrication → cold rolling → degreasing → solution heat treatment → straightening → pipe cutting → pickling → finished product inspection





彩涂镀锌卷

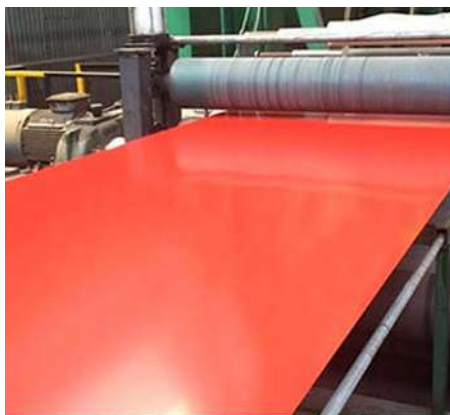
PPGI

彩涂镀锌卷是以热镀锌板为基板，经表面预处理（化学脱脂及化学转化处理）之后，在表面涂敷一层或几层有机涂料，随后经过烘烤固化而成的产品。因涂有各种不同颜色的有机涂料彩色钢卷板而得名。

使用热镀锌钢带为基材的彩色涂层钢带除有锌层保护外，锌层上的有机涂料起了覆盖和保护作用，防止钢带生锈，使用寿命比镀锌带长，约1.5倍。

PPGI is a product made of hot-dip galvanized sheet as the substrate, after surface pretreatment (chemical degreasing and chemical conversion treatment), one or several layers of organic coatings are applied on the surface, and then baked and cured. It is named after the colored steel coil coated with various organic coatings of different colors.

The color-coated steel strip using hot-dip galvanized steel strip as the base material is protected by the zinc layer, and the organic coating on the zinc layer plays a role of covering and protection to prevent the steel strip from rusting, and the service life is about 1.5 longer than that of the galvanized strip.



纯色彩涂：Prepainted Coil



浮雕 / 哑光彩涂卷：Embossed/Matt PPGI Coil



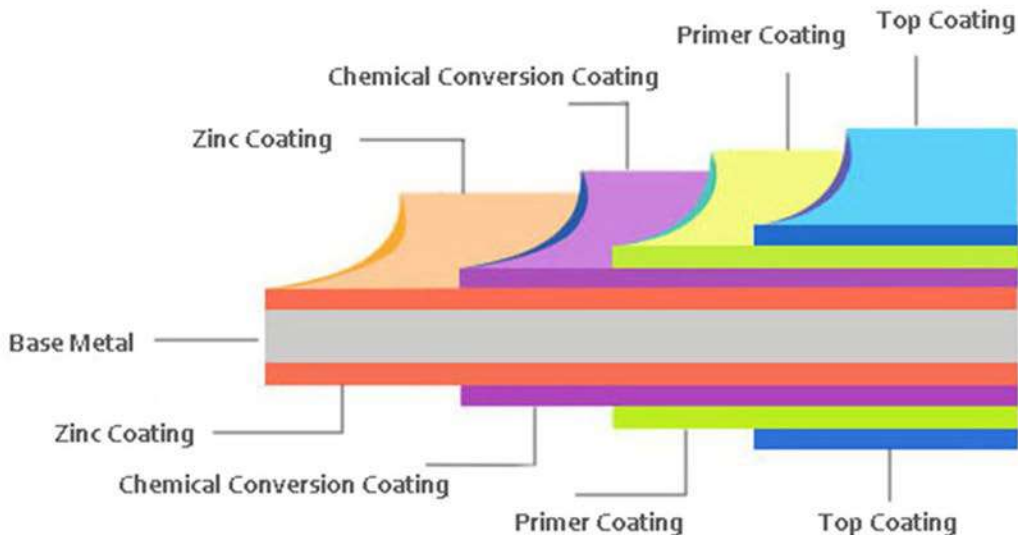
项 (Item)	产品参数 (Product Parameter)
基板 (Substrate)	GI
厚度 (Thickness)	0.12 mm-1.2 mm
宽度 (Width)	600 mm-1250 mm
卷重 (Coil Weight)	3-5 吨可定做 (3-5 tons , can be customized)
涂料层 (Coatings)	PE, SMP, HDP, PVDF
涂层厚度 (Coating Thickness)	上层 (Top) : 11-35 μm 下层 (Back): 5-14 μm
漆面 (Paint Surface)	哑光 / 皱纹 / 光泽 (matt/wrinkled/glossy)
颜色 (Colors)	根据 RAL, 可来图定做 As per RAL Color , can be customized
月产量 (Monthly Production)	5,000-10,000 吨 (tons)
证书 (Certificates)	ISO 9001, SGS, CE, BV
包装 (Package)	标准出口包装 (Standard Export Package)

彩涂镀锌卷通常使用热镀锌板 (GI) 作为基板, 清洁, 预处理并盘绕形式的GI薄板, 并涂上有机涂料层, 例如 PE, SMP, HDP, PVDF等。喷涂过程是连续的, 这被称为卷材涂覆过程。

因此, PPGI由几层组成, 即基板, 锌涂层, 化学转化涂层, 底漆涂层和顶部/背面涂层。以下是PPGI的结构图。

PPGI usually uses hot-dip galvanized sheet (GI) as the substrate, cleans, pretreats and coils the GI sheet, then coats it with an organic coating layer, such as PE, SMP, HDP, PVDF, etc. The spraying process is continuous, which is called the coil coating process.

Therefore, PPGI consists of several layers, including substrate, zinc coating, chemical conversion coating, primer coating and top/back coating. The following is the structure diagram of PPGI.



彩涂镀锌卷具有轻质、美观和良好的防腐性能，又可直接加工，颜色一般分为灰白、海蓝、砖红等。如果您喜欢其他颜色，请向我们发送RAL颜色代码或样品，我们会根据你的要求进行设计。

PPGI has light weight, beautiful appearance and good anti-corrosion performance, and it can be directly processed. The color is generally divided into gray white, sea blue, brick red, etc. If you like other colors, please send us RAL color codes or samples, and we will design according to your requirements.



Yellow Green
(RAL 6018)



Moss Green
(RAL 6005)



Sky Blue
(RAL 5015)



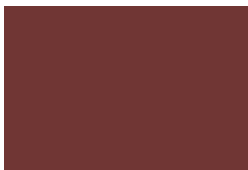
Signal Blue
(RAL 5005)



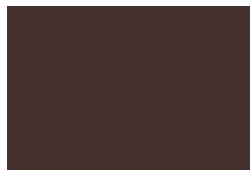
Golza Green
(RAL 1021)



Traffic Red
(RAL 3020)



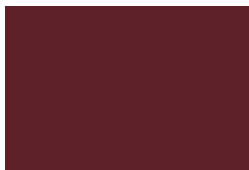
Oxide Red
(RAL 3009)



Chocolate Brown
(RAL 8017)



Cement Grey
(RAL 7033)



Wine Red
(RAL 3005)



Signal Black
(RAL 9004)



Pure White
(RAL 9010)

印花彩涂卷

Pattern PPGI

印花彩涂卷是指通过转印或覆膜技术等手段将各类花纹印刷在镀锌板、镀铝锌等基板上的一种彩涂卷。分别为花纹彩涂卷、木纹彩涂卷、瓷砖彩涂卷、迷彩彩涂卷、交通彩涂卷、还可以自定义图案。

Pattern PPGI refer to product in which various patterns are printed on substrates such as galvanized steel coil and Galvalume steel coil through transfer or film coating techniques. Its pattern stone grain, wood grain, ceramic tiles, camouflage, traffic and can be customized the pattern.



花纹彩涂卷

Flower Printing PPGI Coil



木纹彩涂卷

Wood Grain PPGI Coil



瓷砖彩涂卷

Imitate Brick Pattern PPGI



迷彩彩涂卷

Color Military Printed Metal Coil



交通彩涂卷

Warning Tape Traffic Sign PPGI



自定义图案

Design Pattern Series



项 (Item)	产品参数 (Product Parameter)
基板 (Substrate)	GI
厚度 (Thickness)	0.14mm-0.6mm
宽度 (Width)	600mm-1250mm
卷重 (Coil Weight)	3-5 吨可定做 (3-5 tons , can be customized)
涂料层 (Coatings)	PE, SMP, HDP, PVDF
涂层厚度 (Coating Thickness)	上层 (Top) : 11-35 μm 下层 (Back): 5-14 μm
漆面 (Paint Surface)	哑光 / 皱纹 / 光泽 (matt/wrinkled/glossy)
表面处理 (Surface Treatment)	花纹、木纹、迷彩、瓷砖、交通 (flower print, wood print, Camouflage, Imitate Brick, Warning Tape Traffic Sign)
颜色 (Colors)	来图定做 Customized
包装 (Package)	标准出口包装 (Standard Export Package)

花纹印花彩涂卷 (Flower Printing PPGI Coil)



木纹彩涂卷 (Wood Grain PPGI Coil)



瓷砖彩涂卷 (Brick Design Prepainted PPGI)



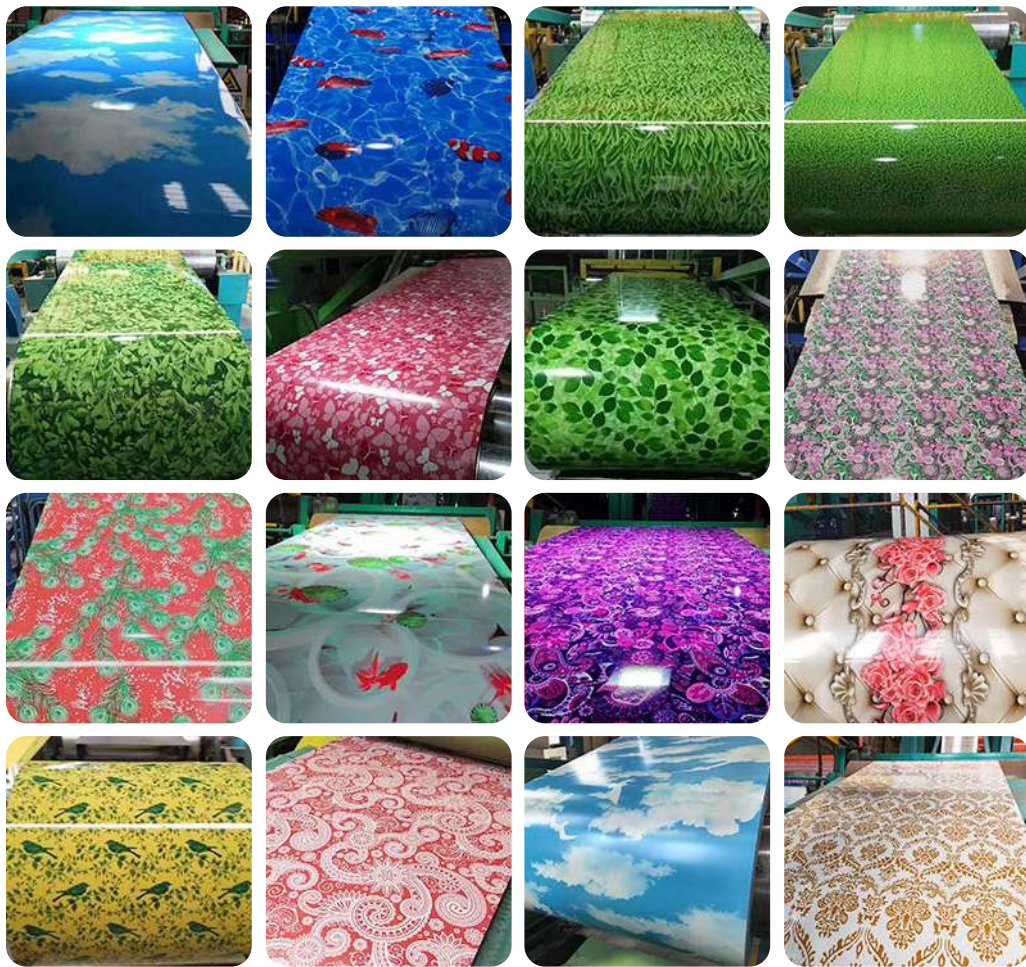
迷彩印花彩涂卷 (Color Military Printed Metal Coil)



交通印花彩涂卷 (Warning Tape Traffic Sign PPGI)



设计图案 (Design Pattern Series)



镀锌卷

GI

镀锌卷，将薄钢板浸入熔解的锌槽中，使其表面粘附一层锌的薄钢板。主要采用连续镀锌工艺生产，即把成卷的钢板连续浸在熔解有锌的镀槽中制成镀锌钢板；合金化镀锌钢板。这种钢板也是用热浸法制造，但在出槽后，立即把它加热到500°C左右，使其生成锌和铁的合金被膜。这种镀锌卷具有良好的涂料的密着性和焊接性。

Galvanized steel coil is to dip the thin steel in zinc ditch, makes the steel's surface have a layer of zinc. It is mainly produced by continuous galvanizing process, that is, the rolled steel sheet is continuously immersed in a galvanized bath with molten zinc, then makes galvanized steel sheet; Alloyed galvanized steel sheet, this kind of steel sheet is also manufactured by hot-dip method, but after exiting the tank, it needs to be heated to about 500°C immediately to form an alloy film of zinc and iron. This galvanized coil has good paint adhesion and weldability.



Galvanized Steel Coil



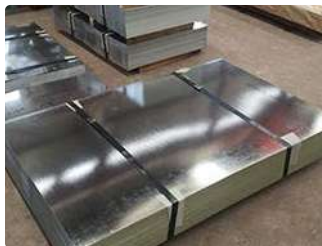
Galvanized Steel Sheet



Galvanized Steel Strip



Galvanized Steel Coil



Galvanized Steel Sheet



Galvanized Steel Strip

项 (Item)	产品参数 (Product Parameter)
类型 (Type)	卷 / 板 / 条 (Coil/Sheet/Strip)
厚度 (Thickness)	0.12-6.00mm, 或客户要求 (or customer's requirement)
宽度 (Width)	600mm-1500mm, 或客户要求 (or customer's requirement)
卷重 (Coil Weight)	每卷 3-20 公吨 (3-20 metric ton per coil)
镀锌层 (Coatings)	30-275 克 / 平方米 (30-275g/m ²)
表面结构 (Surface Structure)	正常锌花、小锌花、无锌花 (spangle coating,minimized spangle coating,spangle-free)
表面处理 (Surface Treatment)	钝化 (C), 上油 (O), 漆封 (L), 磷化 (P), 未处理 (U) (Passivation(C), Oiling(O), Lacquer sealing(L), Phosphating(P), Untreated(U))
质量	通过 SGS, ISO 认证
包装 (Package)	标准出口包装 (Standard Export Package)

镀锌卷表面结构：分为大锌花、正常锌花、小锌花、无锌花。

Surface structure of GI:Divided into big spangle,regular spangle,small spangle,no spangle.



Big spangle



Regular spangle



Small spangle



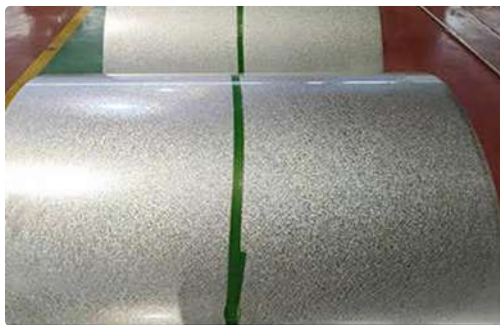
No spangle

镀铝锌卷

GL

镀铝锌卷是镀层成份按重量比率分别由55%的铝和43.4%的锌，1.6%的硅组成。镀铝锌钢板的生产工艺与镀锌钢板和镀铝板的工艺相似，是连续熔融镀层工艺。55%铝锌合金镀层的镀铝锌钢板当双面暴露于同样的环境时与相同厚度的镀锌钢板相比具有更优越的耐腐蚀性。

Galvalume Steel Coil is composed of 55% aluminum, 43.4% zinc, and 1.6% silicon by weight. The production process of Galvalume sheet is similar to that of galvanized steel sheet and Galvalume sheet, which is a continuous molten coating process. The Galvalume steel sheet with 55% aluminum-zinc alloy coating has better corrosion resistance than galvanized steel sheet of the same thickness when exposed to the same environment on both sides.



项 (Item)	产品参数 (Product Parameter)
类型 (Type)	卷 (Coil)
厚度 (Thickness)	0.12-4.00mm, 或客户要求 (or customer's requirement)
宽度 (Width)	600mm-1250mm, 或客户要求 (or customer's requirement)
卷重 (Coil Weight)	每卷 3-20 公吨 (3-20 metric ton per coil)
镀铝锌层 (Alu-Zinc Coatin)	30-275 克 / 平方米 (30-275g/m ²)
表面处理 (Surface Treatment)	涂层, 镀铬, 上油, 抗指纹 (coated, chromated, oiled, anti-finger print)
质量	通过 SGS, ISO 认证
包装 (Package)	标准出口包装 (Standard Export Package)

镀铝锌卷表面呈特有的光滑、平坦和华丽的星花，基色为银白色。特殊的镀层结构使其具有优良的耐腐蚀性。镀铝锌卷正常使用寿命可达25a,耐热性很好,可用于315°C的高温环境;镀层与漆膜的附着力好,具有良好的加工性能,可以进行冲压、剪切、焊接等;表面导电性很好。

The surface of Galvalume Steel Coil is uniquely smooth, flat and gorgeous star flower, and its base color is silver white. The special coating structure makes it have excellent corrosion resistance. The normal service life of aGalvalume Steel Coil can reach 25a, and it has good heat resistance and can be used in a high temperature environment of 315°C; the adhesion of the coating and the paint film is good, and it has good processing properties, and can be stamped, cut, welded, etc. The surface conductivity is very good.

冷轧钢卷

Cold Rolled Steel Coil

冷轧钢卷就是经过冷轧生产的钢。冷轧是在室温条件下将No.1钢板进一步轧薄至为目标厚度的钢板。和热轧钢板比较，冷轧钢板厚度更加精确，而且表面光滑、漂亮，同时还具有各种优越的机械性能，特别是加工性能方面。因为冷轧原卷比较脆硬，不太适合加工，所以通常情况下冷轧钢板要求经过退火、酸洗及表面平整之后才交给客户。

简单来说，冷轧，是在热轧板卷的基础上加工轧制出来的，一般来讲是热轧---酸洗---冷轧这样的加工过程。

Cold rolled steel coil is the steel produced by cold rolling process. Cold rolling is a steel sheet that is further thinned to the target thickness of No. 1 steel sheet under room temperature conditions. Compared with hot-rolled steel plates, cold-rolled steel plates are more accurate in thickness, and have smooth and beautiful surfaces. At the same time, they also have various superior mechanical properties, especially in terms of processing properties. Because cold-rolled raw coils are relatively brittle and hard, and not suitable for processing, cold-rolled steel sheets are usually required to be annealed, pickled, and surface smoothed before being delivered to customers.

To put it simply, cold rolling is processed and rolled on the basis of hot rolled coils. Generally speaking, it is a process of hot rolling---pickling---cold rolling.





项 (Item)	产品参数 (Product Parameter)
硬度 (Hardness)	柔软, 半硬, 硬质 (Softy, Half hard ,Hard quality)
厚度 (Thickness)	0.12-6.0mm
宽度 (Width)	600-1500mm
卷重 (Coil Weight)	2.5-3 吨可定做 (2.5-3 tons , can be customized)
表面 (Surface)	光滑的 (Plain)
流程 (Workflow)	热轧卷-酸洗-冷轧-覆盖退火-表面光整-卷取 (Hot rolled coil-Pickling - Cold rolling - Cover annealing Skin pass - Coiling)
应用 (Application)	汽车制造, 电器, 机车和汽车, 航空公司, 精密仪表, 食品罐头包装等 (Automobile making, Electrical appliance, Locomotive and car, Airlines,)
生产能力 (Production Capacity)	每月 10000 吨 (10000Tons per Month)
包装 (Package)	标准出口包装 (Standard Export Package)

热轧钢卷

Hot Rolled Steel Coil

热轧钢卷是以板坯（主要为连铸坯）为原料，经加热后由粗轧机组及精轧机组制成带钢。从精轧最后一架轧机出来的热钢带通过层流冷却至设定温度，由卷取机卷成钢带卷，冷却后的钢带卷。

Hot rolled steel coil is made of slab (mainly continuous casting billet) as raw material. After heating, it is made into strip steel by the rough rolling mill and the finishing mill. The hot steel strip from the last rolling mill of finishing rolling is cooled to a set temperature by laminar flow, and then coiled into a steel strip coil by a coiler, and the cooled steel strip coil.





项 (Item)	产品参数 (Product Parameter)
厚度 (Thickness)	1.5-25mm
宽度 (Width)	360-1650mm
标准 (Standard)	ISO/JIS/GB/ASTM/DIN
卷重 (Coil Weight)	3-10 吨, 可定做 (3-10tons, can be customized)
线圈编号 (Coil ID)	508mm、610mm
表面 (Surface)	喷砂和喷漆或根据要求 (Shot Blasted and Spray Paint or as required).
应用 (Application)	船舶, 工程, 机械制造等 (shipping building, engineer construction, mechanical manufacturing)
生产能力 (Production Capacity)	每月 10000 吨 (10000Tons per Month)
包装 (Package)	标准出口包装 (Standard Export Package)

写字板

Painted Steel Whiteboard

写字板越来越流行，现广泛用于学校，办公室，家庭教育等。它是一种A级彩涂钢板。常见的颜色包括白色，黑色和绿色。您也可以选择有光泽或无光泽的外观。

Painted Steel Whiteboards are becoming more and more popular, and are now widely used in schools, offices, home education and so on. It is a grade A color coated steel plate. Common colors include white, black and green. You can also choose a glossy or matte appearance.



写字白板(Whiteboard Steel Sheet/Coil)



写字绿板(Greenboard Steel Sheet/Coil)



写字黑板(Blackboard Steel Sheet/Coil)



粉笔板(Chalk Board)



纤维板(MDF Board)



背板(Back Sheet)



项 (Item)	产品参数 (Product Parameter)
基板 (Substrate)	镀锌板或者冷轧板 (Galvanized Sheet or Cold Rolled Sheet)
厚度 (Thickness)	0.135-0.4mm
宽度 (Width)	≤1300mm
卷重 (Coil Weight)	2.5-3 吨可定做 (2.5-3 tons , can be customized)
网格线 (Gridline)	5cm x 5cm, 2cm x 2cm, 1.25cm x 1.25cm 可用或不使用网格线 (Gridline available or without Gridline)
涂层厚度 (Coating Thickness)	上层 (Top) : 15-25 μm 下层 (Back): 5-14 μm
颜色 (Colors)	白色, 光面或哑黑色, 绿色等 (White, Glossy or Matte Black, Green, etc.)
产品质量 (Product Quality)	A 级 (Class A)
证书 (Certificates)	ISO 9001, SGS
包装 (Package)	标准出口包装 (Standard Export Package)

写字板的特点 (Characteristics of Painted Steel Whiteboard)

1.容易写

彩涂板的表面是光滑的。因此，白板涂漆的钢很容易书写。您可以快速流畅地在其上面写东西。

2.良好的耐用性和擦除能力

它易于清洁且非常耐磨，因此可以长时间使用而不会刮花。它的硬度为5H（由三菱铅笔测试），可以书写和擦除30,000次以上。

3.有磁性

与瓷器和玻璃白板不同，钢制白板具有磁性。这样就可以在板上放置磁性配件，例如记号笔，橡皮，箭头，高光等。

4.重量轻

磁性白板纸的重量为7-14 kg / m²。重量轻，易于安装和使用。

5.良好的加工性能

我们的大多数客户都购买白板涂漆的钢卷，然后以更高的价格出售成品白板。它容易加工，例如剪切，用合金框架磨边。

6.易于运输

与其他白板材料相比，彩绘钢白板易于运输。它比玻璃白板更坚固。

1. Easy to write

The surface of the color-coated sheet is smooth. Therefore, the painted steel on the whiteboard is easy to write. You can write on it quickly and smoothly.

2. Good durability and erasing ability

It is easy to clean and very hard-wearing, so it can be used for a long time without scratching. Its hardness is 5H (tested by Mitsubishi pencil), and it can write and erase more than 30,000 times.

3. Magnetic

Unlike porcelain and glass whiteboards, steel whiteboards are magnetic. In this way, magnetic accessories such as markers, erasers, arrows, highlights, etc. can be placed on the board.

4. Light weight

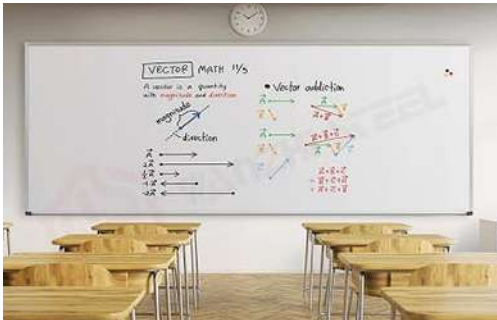
The weight of magnetic whiteboard paper is 7-14 kg/m². Light weight, easy to install and use.

5. Good processing performance

Most of our customers buy whiteboard painted steel coils and then sell the finished whiteboards at higher prices. It is easy to process, such as cutting, edging with alloy frame.

6. Easy to transport

Compared with other whiteboard materials, painted steel whiteboards are easy to transport. It is stronger than a glass white board.



热镀锌丝

Hot Dipped Galvanized Wire

热镀锌铁丝采用优质Q195低碳环保钢材，经过先进的生产工艺拉拔-退火-酸洗-热镀锌而成，色泽光亮，丝质柔软，丝径范围较广，从0.5-5.0mm。使用寿命可达十几年之久。根据上锌量的不同可以分为普通热镀锌丝和高锌热镀锌丝。

Hot dipped galvanized iron wire is made of high quality Q195 low-carbon environment-friendly steel, through advanced production process of drawing - annealing - pickling - hot dip galvanized, with bright color, soft silk and wide diameter range from 0.5-5.0mm. The service life can reach more than ten years. According to the amount of zinc on the different can be divided into ordinary hot dip galvanized wire and high zinc hot dip galvanized wire.

Diameter Range	BWG 6 - BWG 26
Zinc Coated	40-350 g/m ²
Tensile Strength	350-550 N/mm ²
Elongation	15%
Coil Weight	1kg-1000kg or as clients requirements



线规和直径

Common Wire Gauge and Diameters Table

Gauge	SWG		BWG		AWG	
	Inch	mm	Inch	mm	Inch	mm
8	0.16	4.046	0.165	4.191	0.1285	3.264
9	0.144	3.658	0.148	3.759	0.1144	2.906
10	0.128	3.215	0.134	3.404	0.1019	2.588
11	0.116	2.946	0.12	3.048	0.0907	2.305
12	0.104	2.642	0.109	2.769	0.0808	2.053
13	0.092	2.337	0.095	2.413	0.072	1.828
14	0.08	2.032	0.083	2.108	0.0641	1.628
15	0.072	1.829	0.072	1.829	0.0571	1.45
16	0.064	1.626	0.065	1.651	0.0508	1.291
17	0.056	1.422	0.058	1.473	0.0453	1.15
18	0.048	1.219	0.049	1.245	0.0403	1.024
19	0.04	1.016	0.042	1.067	0.0359	0.912
20	0.036	0.914	0.035	0.839	0.032	0.812
21	0.032	0.813	0.032	0.831	0.0285	0.723
22	0.028	0.711	0.028	0.711	0.02535	0.644
23	0.024	0.61	0.025	0.635	0.02256	0.573
24	0.022	0.559	0.022	0.559	0.02011	0.511
25	0.02	0.508	0.02	0.508	0.01791	0.455
26	0.018	0.457	0.018	0.457	0.01594	0.405

Electro Galvanized Wire

电镀锌丝采用精选优质Q195, Q235低碳钢材经过先进的设备进行拉拔-退火-酸洗-镀锌而成。色泽光亮, 防锈耐腐蚀。广泛应用与农业, 建筑, 丝网制造行业。我们生产的电镀锌丝丝径范围较广, 可以从0.25mm做到5.00mm。盘重范围0.3公斤--100公斤每卷。经过我公司技术人员的研究, 上锌量达到25g/m², 能更好的起到防锈防污抗氧化的作用, 在同行业中遥遥领先。

The electro-galvanized wire is made of selected high-quality Q195 and Q235 low-carbon steel through advanced equipment for drawing-annealing-pickling-galvanizing. Bright color, anti-rust and anti-corrosion. It is widely used in agriculture, construction, and wire mesh manufacturing industries. The electro-galvanized wire we produce has a wide range of wire diameters, which can range from 0.25mm to 5.00mm. The disk weight ranges from 0.3 kg to 100 kg per roll. After research by our company's technicians, the zinc loading reaches 25g/m², which can better prevent rust, pollution and oxidation, and is far ahead in the industry.

物理性质 Physical Properties

Tensile Strength	350-550 N/mm ² ;680-850 N/mm ²
Zinc Coating	8-25 g/m ²
Elongation Rate	10%-25%



包装标准 Standard Packaging

Diameter (mm)	Coil Size	Spool Packing	big coil packing max 1000kg	
			(mm) ID	(mm) OD
0.25-0.45	8"	1-100kg axis		
0.46-0.60	8" 12"	1-100kg axis		
0.61-1.60	12" 14" 16"	1-100kg axis	250-400	400-770
1.61-5.00			450	800

锌铝合金丝

Zinc Aluminium Alloy Wire

锌铝合金丝，又称高尔凡丝，根据含量不同分为5%铝高尔凡，和10%铝高尔凡丝，被广泛应用于低碳、高碳钢的各种产品。

Zinc-aluminum alloy wire, also known as Galvan wire, is divided into 5% aluminum galvanic wire and 10% aluminum galvanic wire according to different content. It is widely used in various products of low-carbon and high-carbon steel.



线规和直径

Common Wire Gauge and Diameters Table

Gauge	SWG		BWG		AWG	
	Inch	mm	Inch	mm	Inch	mm
5	0.212	5.385	0.220	5.588	0.182	4.621
6	0.192	4.877	0.203	5.156	0.162	4.115
7	0.176	4.47	0.180	4.572	0.144	3.665
8	0.159	4.046	0.165	4.191	0.129	3.264
9	0.144	3.658	0.148	3.759	0.1144	2.906
10	0.128	3.215	0.134	3.404	0.1019	2.588
11	0.116	2.946	0.12	3.048	0.0907	2.305
12	0.104	2.642	0.109	2.769	0.0808	2.053
13	0.092	2.337	0.095	2.413	0.072	1.828
14	0.08	2.032	0.083	2.108	0.0641	1.628
15	0.072	1.829	0.072	1.829	0.0571	1.45
16	0.064	1.626	0.065	1.651	0.0508	1.291
17	0.056	1.422	0.058	1.473	0.0453	1.15
18	0.048	1.219	0.049	1.245	0.0403	1.024
19	0.04	1.016	0.042	1.067	0.0359	0.912
20	0.036	0.914	0.035	0.839	0.032	0.812

衣架专用丝+衣架

Clothes Hanger & Wire

衣架专用丝是由精选的低碳钢丝，经过全封闭的先进流水线工艺退火拉拔和均匀镀锌后，再经过精密的专业设备拉拔而成；具有表面光亮，洁净，抗拉强度极高的特点。常用规格有直径1.9mm，2.0mm，2.2mm，2.3mm。

The special wire for clothes hanger is made of selected low-carbon steel wire, which is annealed and drawn by a fully enclosed advanced assembly line process and evenly galvanized, and then drawn by sophisticated professional equipment; it has a bright, clean surface and high tensile strength. Common specifications are 1.9mm, 2.0mm, 2.2mm, 2.3mm in diameter.

物理性质

Physical Properties

Zinc Coated(g/sqm)	Tensile Strength(g/sqmm)
15-38	780-860



线规和直径

Common Wire Gauge and Diameters Table

Gauge	SWG		BWG		AWG	
	Inch	mm	Inch	mm	Inch	mm
12	0.104	2.642	0.109	2.769	0.0808	2.053
13	0.092	2.337	0.095	2.413	0.072	1.828
14	0.08	2.032	0.083	2.108	0.0641	1.628
15	0.072	1.829	0.072	1.829	0.0571	1.45

桶提梁专用丝+桶提梁

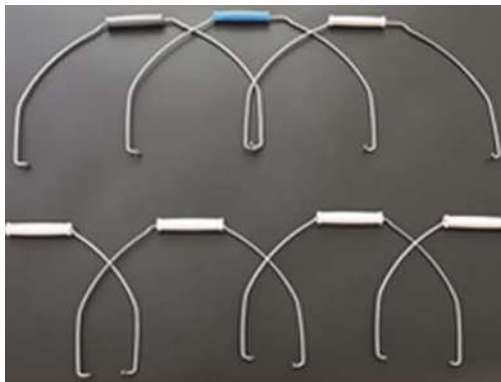
Bucket Handle & Wire

采用优质中碳钢线材，经过拉拔成型，中温退火，酸洗除锈，镀锌，拉拔加硬等加工完成，它具有良好的韧性和弹性，抗拉强度高，同时镀锌层厚，抗腐蚀性强等特性，称为桶提梁专用丝，也称手丝。

产品横截面是圆形，用精密仪器拉拔，丝径误差 $\pm 0.01\text{mm}$ ，主要的规格是2.5-4.0mm，抗拉强度达到650MPa以上，上锌高达25-35g/mm²，使用寿命长，承重大，可以用于5L-25L的涂料化工油桶。

It is made of high-quality medium carbon steel wire, which is formed by drawing, medium temperature annealing, pickling and rust removal, galvanizing, drawing and hardening. It has good toughness and elasticity, high tensile strength, and a thick galvanized layer. It has strong corrosion resistance and other characteristics, which is called special wire for bucket lifting beam, also called hand wire.

The cross-section of the product is round and it is drawn with a precision instrument. The wire diameter error is $\pm 0.01\text{mm}$, the main specification is 2.5-4.0mm, the tensile strength is above 650MPa, the zinc is up to 25-35g/mm², and the service life is long. Heavy weight, can be used for 5L-25L paint chemical oil drums.



物理性质

Physical Properties

Zinc Coated(g/sqm)	Tensile Strength(g/sqmm)
23-35	650-800

线规和直径

Common Wire Gauge and Diameters Table

Gauge	SWG		BWG		AWG	
	lnch	mm	lnch	mm	lnch	mm
6	0.192	4.877	0.203	5.156	0.162	4.115
7	0.176	4.47	0.180	4.572	0.144	3.665
8	0.16	4.046	0.165	4.191	0.1285	3.264
9	0.144	3.658	0.148	3.759	0.1144	2.906
10	0.128	3.215	0.134	3.404	0.1019	2.588
11	0.116	2.946	0.12	3.048	0.0907	2.305
12	0.104	2.642	0.109	2.769	0.0808	2.053
13	0.092	2.337	0.095	2.413	0.072	1.828

制钉丝

Staple & Wire

制钉丝采用优质镀锌丝或不锈钢丝经过排列、压扁、黏合、截断成型、烘干打包等步骤制成，品种多样，用途广泛。根据材质的不同，可分为铁钉、钢钉和不锈钢钉。根据用途的不同，可分为直排钉、蚊钉、码钉、箱钉、C型钉、角钉和波浪钉等，广泛应用于钢木家具，塑钢门窗，空调，冰箱，室内外装修，锅炉，广告铁架，玻璃幕墙，彩钢板，轻钢龙骨，金属网片的连接，适用于各类组装和绑定鸡笼、床垫、沙发家具、汽车座套、养殖网箱、纤维板、石膏板的板面等的固定等行业。

The nail wire is made of high quality galvanized wire or stainless steel wire after arrangement, flattening, bonding, trapping molding, drying and packaging, etc. It has a variety of varieties and a wide range of uses. According to the different material, can be divided into iron nails, steel nails and stainless steel nails. According to the different uses, can be divided into straight nail, mosquito nail, code nail, box nail, C-type nail, corner nail and wave nail, widely used in steel and wood furniture, plastic steel doors and Windows, air conditioning, refrigerators, indoor and outdoor decoration, boilers, advertising iron frame, glass curtain wall, color steel, light steel keel, metal mesh connection, It is suitable for all kinds of assembly and binding of chicken cages, mattresses, sofa furniture, car seat covers, breeding net cages, fiberboard, gypsum board and other fixed industries.

物理性质

Physical Properties

Zinc Coated(g/sqm)	Tensile Strength(g/sqmm)
23-35	650-800



线规和直径

Common Wire Gauge and Diameters Table

Gauge	SWG		BWG		AWG	
	Inch	mm	Inch	mm	Inch	mm
14	0.08	2.032	0.083	2.108	0.0641	1.628
15	0.072	1.829	0.072	1.829	0.0571	1.45
16	0.064	1.626	0.065	1.651	0.0508	1.291
17	0.056	1.422	0.058	1.473	0.0453	1.15
18	0.048	1.219	0.049	1.245	0.0403	1.024
19	0.04	1.016	0.042	1.067	0.0359	0.912
20	0.036	0.914	0.035	0.839	0.032	0.812
21	0.032	0.813	0.032	0.831	0.0285	0.723
22	0.028	0.711	0.028	0.711	0.02535	0.644
23	0.024	0.61	0.025	0.635	0.02256	0.573
24	0.022	0.559	0.022	0.559	0.02011	0.511
25	0.02	0.508	0.02	0.508	0.01791	0.455
26	0.018	0.457	0.018	0.457	0.01594	0.405

钢绞线

Steel Strand

钢绞线是由多根优质钢丝绞合构成的钢铁制品，强度高，松弛性好，展开平直，由两根、三根或七根钢丝捻制而成。适用于承力索、拉线、加强芯，架空输电的地线、公路两边的阻拦索、或建筑结构中的结构索等。

Stranded steel wire is composed of a number of high quality steel wire stranded steel products, high strength, good relaxation, spread out straight, by two, three or seven steel wire twist. It is suitable for bearing cable, stay line, strengthening core, ground wire of overhead transmission, blocking cable on both sides of highway, or structural cable in building structure, etc.

物理性质

Physical Properties

Zinc Coated(g/sqm)	Tensile Strength(g/sqmm)
220-270	1100-1800



钢绞线规范

Specification for Steel Strand Wires

Wire Dia mm	Strand Dia mm	Cross-sectional Area mm ²	Weight Kg/100m	Numbers of Wire
1.0	3.0	5.5	4.37	7
1.2	3.6	7.92	6.92	7
1.4	4.2	10.78	8.56	7
1.6	4.8	14.07	11.17	7
1.8	5.4	17.81	14.14	7
2.0	6.0	21.99	17.46	7
2.2	6.0	25.0	22.77	7
2.6	7.8	37.17	29.51	7
3.0	9.0	5.00	42.37	7
1.6	8.0	38.2	31.8	19
1.8	9.0	48.35	40.25	19
2.0	10.0	59.69	49.69	19
2.2	11.0	72.22	60.12	19
2.4	12.0	85.95	71.55	19
2.5	12.5	93.27	77.64	19
2.6	13.0	100.88	83.98	19
2.8	14.0	116.99	97.39	19
3.0	15.0	134.3	111.8	19

截断丝 Cut Wire

材质: Q195低碳钢丝

用途: 截断丝广泛应用于建筑行业绑丝以及其他日常捆绑

Material: Q195 low carbon steel wire

Application: Truncated wire is widely used in construction industry and other daily binding wire.

Standard Size	BWG 8-22,length customizable
Diameter	0.70mm-4.00mm
Tensile Strength	350-550N/mm ²
Zinc Coated	8-70g/m ²
Packing	10kg/carton then 1 ton/wooden pallet



扣丝 Loop Tie Wire

材质: 黑铁丝, 电镀锌丝, 热镀锌丝, PVC包塑丝。

应用: 扣丝通常用于建筑行业或日常应用的捆绑丝等用途

Material: black iron wire, electric galvanized wire, hot galvanized wire, PVC coated wire.

Application: Buckle wire is usually used in the construction industry or in daily applications such as binding wire.



Length	75mm,100mm,125mm,180mm,255mm,400mm	
Wire Diameter	Black Annealed Wire Ties	1.0mm,1.25mm,1.6mm
Number of Per Coil	Galvanized Wire Ties	0.9mm,1.25mm,1.6mm
Zinc Coated	1000,2000,5000	
Other sizes can be available according to clients' requests.		

U型丝 U Type Wire

Materials	Galvanized wire,black annealed iron wire,PVC coated wire.
Wire Diameter	BWG 16,17,18,19,20,21,22,23 0.6mm,0.7mm,0.8mm,0.9mm,1.0mm, 1.2mm,1.45mm,1.5mmetc.
Tensile Strength	350-450N/mm ²
Packing	10kg/carton,1 ton/wooden pallet
Package	Inside by PVC strips,outside by hessian. Inside by PVC strips,outside by white weave bag.



打包丝 Baling Wire

材质：黑铁丝、镀锌丝、钢丝

用途：用于棉花打包、回收站、废纸回收的捆绑及绑扎。

Material: black iron wire, galvanized wire, steel wire

Uses: Used for binding and binding of cotton packing, re-cycling station and waste paper recycling.

Wire Gauge,Thicknesses	11,12,13,14 and 15 gauge.
Length	6 to 30 feet
Package	60/100/125/250 pcs/bundle, 50/55/60 bundle/pallet
Type	single or double loope twist
Tensile Strength	350-680 N/mm ² ,750-1200 N/mm ²



PVC丝 PVC Wire

颜色型号：墨绿、草绿、白色、黑色等。

包装方式：根据客户要求。

应用：PVC丝广泛应用于动物饲养防护，水产养殖，农业，林区防护，体育馆等。

Color model: dark green, grass green, white, black, etc.

Packing mode: according to customer requirements.

Application: PVC wire is widely used in animal feeding and protection,

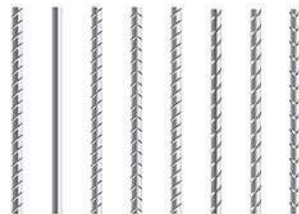
aquaculture, agriculture, forest protection, gymnasium, etc.



Specification	Core Wire Diameter	Diameter After Coated
	0.4mm	0.6mm
	0.5mm	0.7mm
	0.7mm	0.9mm
	0.8mm	1.0mm
	1.0mm	1.4mm
	1.4mm	2.0mm
	2.0mm	3.0mm
	2.5mm	3.5mm
	3.0mm	4.0mm
Tensile Strength	400-600N/mm ²	
Weight/Coil	0.1kg-500kg/coil	
Packing	Small coils of 50m,100m,150m,200m,and so on.Plastic inside and hessian woven outside,and nylon woven outside.	

螺纹钢 Ribbed Rebar

Diameter	6-50mm
Length	9-12m
Material	HRB235, HRB400, HRB400E, HRB500



线材 Cable

Diameter	6.5mm, 8mm, 10mm
Material	Q195, Q215, Q235



盘螺 Coiled Reinforced Bar

Diameter	6.5-8-10-12-14mm
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棒材 Bar

Cross-sectional area	Round, square, hexagonal, octagonal
Diameter	9-300mm
Length	6m, 12m



圆钢 Round Bar

Diameter	8-250mm
Material	Hot rolled, forged, cold rolled

