

Yantai Aisili New Materials Co.,Ltd.
Yantai Zhengyuan Polyurethane Co., Ltd.

4,Zhichunan Road,Zhifu District,Yantai,Shandong,China

Tel:0086 535 6831889

Fax:0086 535 6851722

Mr.Li's mobile:+86 15053539226

Email:admin@yt-zhengyuan.com Website:www.zhengyuancorp.com

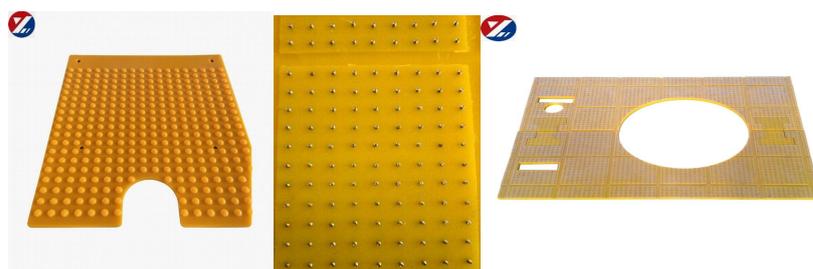
Our company was established in 2007 as a high-tech enterprise specializing in the research, production and sales of polyurethane elastomer products. With the most advanced polyurethane elastomer production equipment and a batch of advanced professional and technical personnel engaged in the polyurethane industry for many years, We choose the high quality raw materials from famous enterprises at home and abroad, mature technology and advanced formula to develop, design and produce various high precision polyurethane elastomer products. We have all kinds of equipment and processing capability for casting, injection molding and extruding of polyurethane elastomer products which are widely used in many fields at home and abroad, and have gained us universal recognition and praise.

All kinds of polyurethane products produced by our company are mainly of CPU and TPU. The extruded products are mainly pneumatic tubes with complete variety of specifications. The casting and injection molding products with various functions and forms are widely used in many fields such as oil, mining, machinery, agriculture, construction, power, ship, port, road, transportation and printing etc. Such a wide range of applications are derived from many advantages of different polyurethane elastomer, such as a wide range of hardness, wear resistance, high strength, excellent mechanical properties, good elasticity, low temperature resistance, water resistance, oxidation resistance, ozone resistance, oil resistance, chemical resistance, radiation resistance, fire resistance, insulation, anti-static and so on.

In addition to mass production, our company provides custom-made service that those products of various shapes and sizes,made with molds by casting or injection according to customers' requirements can be produced and small batch orders are acceptable.

The main polyurethane products of casting and injection molded produced in our company are as follows:

- 1) Polyurethane anti-skid pad: Mainly used for drilling platform, mechanical equipment, industrial workshop and so on.



2) Polyurethane tape and belt: Mainly used for machinery, mining and so on.



3) Polyurethane sheet and bar: Mainly used in machining, mining, etc.



4) Polyurethane pipeline pig: Mainly used for internal cleaning of various pipelines, such as for petroleum, chemical industry, gas, sewage and so on.



5) Polyurethane grinding containers: Mainly used in industrial, mining and other fields.



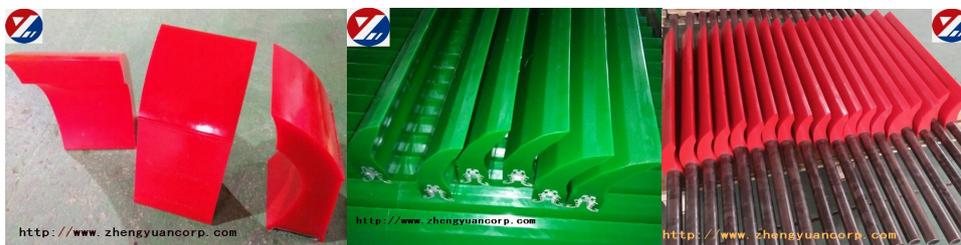
6) Polyurethane molding parts: Moulds can be made in accordance with customer needs to cast or inject parts of various sizes, shapes, hardness and other physical properties, which can be used in various fields.



7) Polyurethane cable protector: Mainly used for protection of cable and rope of vessel/port/mining etc.



8) Polyurethane scraper: Mainly used in mining, agriculture, machinery, daily use and other fields.



9) Polyurethane screen: Mainly used for mining equipment.



10) Polyurethane seals: Can be made into closed or disclosed seals with various cross sections according to customer's needs.



11) Polyurethane coating parts: The inner and outer surfaces of various components can be coated with different thickness of PU, which are widely used in different mechanical equipment and so on.



12) Polyurethane wheels: Wheels of various features and shapes can be customized by molds according to client's need.



13) Polyurethane coupling inserts: The key parts to the jaw type flexible couplings



14) Polyurethane damping block: As an automotive part, it is widely used.



15) With a registered brand of AISILI and HIGHKEY, made of superior quality of polyurethane, the polyurethane tubes are produced by our advanced equipment and state of art processing technology. Those excellent features include:

- a) Full range and accurate specifications and the tolerance of tube diameters is within 0.05mm;
- b) Colorful and the color will not fade after long term serving;
- c) Those transparent tubes are of high degree transparency that the state of the flowing media inside is visible;
- d) Smaller bending radius to make the linking easier;
- e) Hardly to be yellowed due to resistant to yellowing reaches above level three;
- f) Very smooth inside and outside surface and much even tube wall;
- g) With standard pressure resistance and long service life;
- h) Quite capable of resistances to abrasion, pressure, ageing.

Due to the polyurethane with high resilience, even after repeated use, the deformation of the spiral tubes is much smaller and by adopting advanced spiral manufacturing technology, during the process, the thickness, hardness and pressure resistance of the tubes will not be reduced.

The tubes apply to transferring the mediums such as compressed air and those liquids without corrosion. They are used in the fields of vehicle and parts, machinery and components, control and automation, such as pneumatic tools, automation equipment, pneumatic system etc.

Attentions

Be careful to use the tubes for medium of temperature above centigrade degree 60 or corrosive (such as strong acids, strong alkali and solvents with strong polarity etc.), because it may have the risk of tube broken.

Be careful to use the tubes in working places of temperature above centigrade degree 60 or there is chemical gas, because it may cause softening tube leading to significant reduction of pressure resistance or rapid aging and cracking due to corrosion of chemical gas.

Don't store the tubes in humid warehouse or store them for more than 180 days, since it may cause breakage due to hydrolysis.

Polyurethane Tube

型号 Model No.	管外径 (mm) O.D.of tube	管内径 (mm) I.D.of tube	长度(m) Length	最小弯曲半径 (mm) Minimum Bending Radius	使用压力 (kgf/sq.cm) Working Pressure	爆破压力 (kgf/sq.cm) Broken Pressure
0425-200	4	2.5	200	10	12	38
0604-200	6	4	200	15	12	31
0805-100	8	5	100	25	10	32
1065-100	10	6.5	100	30	10	31
1208-100	12	8	100	35	10	30
1410-100	14	10	100	55	8	20
1612-100	16	12	100	65	6	17



Polyurethane Spiral Tube

型号 Model No.	管外径 (mm) O.D.of tube	管内径 (mm) I.D.of tube	长度(m) Length	最小弯曲半径 (mm) Minimum Bending Radius	使用压力 (kgf/sq.cm) Working Pressure	爆破压力 (kgf/sq.cm) Broken Pressure
0604	6	4	3-15	15	12	31
0805	8	5	3-25	25	10	32
1065	10	6.5	3-25	30	10	31
1208	12	8	3-25	35	10	30
1410	14	10	5-15	55	8	20
1612	16	12	5-15	65	6	17

