

Steel Pipes and Structures

Principle: Steel pipes for support structures and system scaffoldings, these pipes form a frame in, on or under where playground elements are fitted. The frame is adjusted to every structure and provides stability and strength



We only use steel pipes with high stress intensity and professional-grade for the commercial playground. We provide high quality steel pipes to our customers to insure that our frames are stable and safe. The steel pipes we used are hot-dip galvanized steel pipes (not cheaper electroplated coating steel pipes) that the whole pipe is immersed in a bath of molten zinc thus both the inner and external of the steel pipes are galvanized, so the steel pipes are protected from rusting and corrosion for many years. In other word, it can extend safe period of use.

Material: galvanized steel pipes.

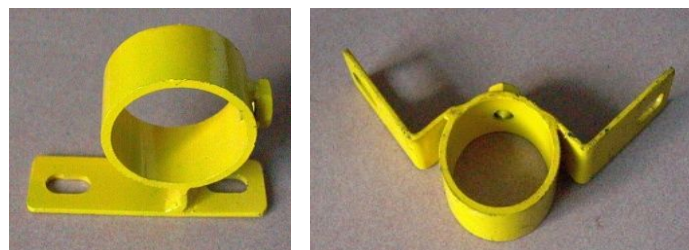
Nominal passage: 48.3 mm.

Wall thickness: 2.2 mm/3.25mm.

Weight/meter: 2.9 kg/4.4kg.

Connectors

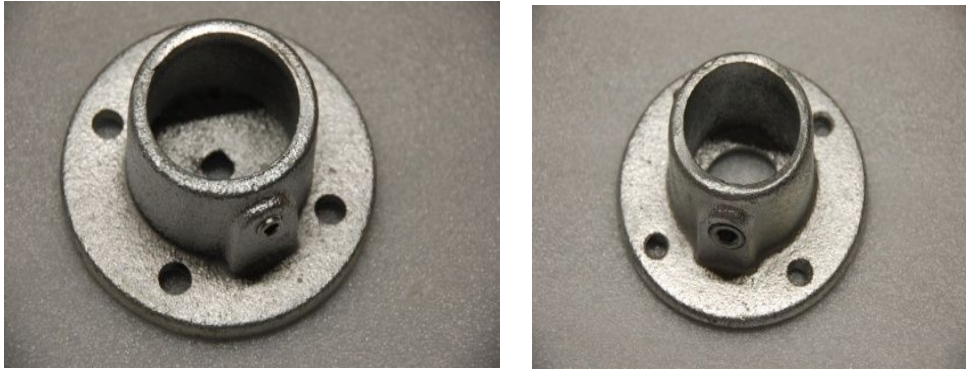
Connectors are hot dip galvanized and are manufactured according to the industry requirements and capable of supporting the heavy loads. These are capable of supporting the heavy loads.



Basement

Cast iron basement is bolted to the ground is used for supporting the pipes in a stable vertical position.

Our cast iron footing are tested and proved to be able to successfully support the structural pipes and running in good condition. We only use professional and high-quality basement in installation.



Nettings

The safety net is to prevent the children from falling or run out of the multiple play structure. Anti-climb net is used for prevent children from climbing, Roof liner for covering the top of play structure.

The colorful nets are durable for the use of indoor playground. All nets passed TUV tests: EN71-1(Mechanical and Physical),-2(Flammability) and -3(non-toxic), SGS tests passed: lead and Phthalates



Foam Post Pad

Principle: when children play, they make lots of uncontrolled movements. To prevent accidents the structural pipes are protected by a soft sleeve of foam.

The PVC vinyl on our foam pipes is approved by TUV according to EN 71-1(Mechanical and Physical),-2(Flammability) and -3(non-toxic), and is approved by SGS Test: Lead and Phthalates-CPSIA Section 101&108.



Zip Tie

Our zip tie has Length 400 / 450mm and 8mm width. It's passed by TUV tests comply with EN 71-1(Mechanical and Physical),-2(Flammability) and -3(non-toxic), and passed SGS Tests with Flammability-UL-94, Lead and Phthalates-CPSIA Section 101&108.

The zip ties are made of top-quality and high strength plastic materials which makes the tie more durable.



Deck platforms

Our deck platforms, 122cmx122cmx5cm, are made of high quality plywood and high density foam. All of the deck platforms constructed with 18mm thick plywood for increased strength and safety. Our deck platforms are completely wrapped with 40mm thick foam, which is used on decks and floor pads, and covered with 1000D PVC vinyl coating. All these technology make the deck platform soft on every side, creating a safe playing environment and protecting the children from injuries while they are landing. We have various colors of deck platforms for our customers to choose.



Plywood

The plywood we used is approved by TUV tests in compliance with EN 71-1(Mechanical and Physical),-2(Flammability) and -3(non-toxic) as well as approved by SGS Tests for Flammability. We use high quality plywood, which is safe and durable in ordinary use which can save costs in maintenance.



PVC Vinyle

We have most advanced technology and professional workers to deal with PVC vinyle process. Our heavy-duty 18oz industrial-grade PVC vinyle is 0.55mm thick, strengthened by 1000D nylon weaving inside the coating. Making it remains soft still after years of intense use.

We have various colors of PVC vinyle for customers to choose according to their designs.

Quality standard: TUV tested non-toxic and fire retardant, lead free, no 3P.



Foam

All of our soft play equipments use high-density foam, so our soft padded items are much durable, and less dashed. The foam we used for playgrounds are approved by TUV tests in compliance with EN 71-1(Mechanical and Physical),-2(Flammability) and -3(non-toxic) as well as approved by SGS Tests for Flammability

Flooring Mat

Our flooring mat are 60*60cm with thickness 2cm, have passed TUV tests under EN 71-1(Mechanical and Physical),-2(Flammability) and -3(non-toxic), as well as SGS tests passed for Lead and Phthalates.

High-quality flooring mats can protect children from injures while falling down or hit onto the ground.

