

■ U型接头可配附件—梳状板 U type applicable connector assessor—pectinate plate



Use and characteristics of plastic drag chain

- (1) It is suitable for use in the situation of reciprocating motion, and can play the role of traction and protection for the built-in cable, oil pipe, gas pipe, water pipe, etc.
- (2) Each section of the chain can be opened for easy installation and maintenance. Low noise, wear-resistant, high-speed movement.
- (3) Drag chain has been widely used in CNC machine tools, electronic equipment, stone machinery, glass machinery, door and window machinery, injection molding machine, manipulator, overweight transportation equipment, automatic warehouse, etc.

Structure of plastic drag chain

- (1) The drag chain is like a tank chain, which is composed of many unit links. The links can rotate freely.
- (2) The inner height, outer height and pitch of the same series of drag chain are the same, and the inner width and bending radius r of the drag chain can be selected differently.
- (3) The unit chain link is composed of left and right chain plates and upper and lower cover plates. Each link of the drag chain can be opened. It is convenient to install and dismantle, without threading. After opening the cover plate, the cable, oil pipe, air pipe, water pipe, etc. can be put into the drag chain.
- (4) Another separator can be provided to separate the space in the chain as required.



Basic parameters of plastic drag chain

- (1) Materials: reinforced nylon, with high pressure and tensile load, good toughness, high elasticity and wear resistance, flame retardant, stable performance at high and low temperature, can be used outdoors.
- (2) Resistance: oil and salt resistance, and a certain acid and alkali resistance.
- (3) Running speed and acceleration (specific speed and acceleration depend on running conditions).
- (4) Operating life.

Engineering drag chain: beautiful appearance, light weight, adjustable length.

Selection principle of drag chain

◇ internal height: select the thickest one of the internal cables, oil pipes, gas pipes, water pipes, etc. as the reference height, plus at least 10% of the height space as the internal height h_i of the drag chain. If overlapping, press actual

Height is the test height.

◇ internal width: select some thick cables, oil pipes, gas pipes, water pipes, etc., and the sum of their external channels as the reference for the internal width of the drag chain, and leave at least 10% of the width space.

◇ bending radius: select the largest bending radius in the built-in cable, oil pipe, gas pipe, water pipe, etc. as the reference value and leave more than 10% space

Principle of placing cable, oil pipe, water pipe and gas pipe in drag chain

◇ 15% of the remaining space shall be reserved so that the built-in cables, oil pipes, etc. can move freely without pulling the drag chain in the radius direction.

◇ conductors with large diameter difference shall be laid separately and the weight shall be evenly distributed. If necessary, they can be separated by separators.

◇ during high-speed or high-frequency operation, try to separate the wires horizontally and do not overlap them. When there are many cables, gas pipes and oil pipes, it is recommended to use separator

Disassembly method of drag chain

◇ use a suitable flat head screwdriver, insert the opening holes at both ends of the cover plate vertically, open the cover plate, put the cables, oil pipes, etc. into the drag chain according to the placement principle provided by us, and then cover the cover plate. In addition, the fixed end and movable end of the wire shall be fixed by the tension device

◇ it is recommended to use guide groove when sliding for a long distance. Please consult our professional for the use and installation of guide groove.

