

HDPE Spirally Enwound Structure-wall Pipe

Production line of big diameter HDPE spirally enwound pipe apply state-of-the-art machine in China. The whole procedure under PLC control system, all craft parameters are treated and corrected during the process effectively, ensure the stability of production, factors such as resources、capacity、quality are disposed properly, realize the mission of energy-saving、efficiency、deduction of the intensity of labor while improve work efficiency.

KingbullHDPE Spirally Enwound Structure-wall Pipe apply HDPE as raw material, through extruded as square or rectangle pipe, then forming by enwound machine. Besides normal characteristic of plastic such as good performance on corrosion resistance, insulativity, small fluid resistance, Kingbull HDPE Spirally Enwound Structure-wall Pipe owns excellent strengthen and toughness, good impact strengthen, light weight, uneasy be broken as well. Kingbull HDPE Spirally Enwound Structure-wall Pipe is the ideal replacing products of concrete pipe and cast-iron pipe, as well as one of the main popularized products of Ministry of Construction.

Kingbullmanage production strictly stick to ISO 9001. Kingbull owns the first-rank laboratory of China, as well as whole set of testing machines such as ring stiffness testing machine, automatic control pressure testing machine, impact strengthen testing machine, low temperature and constant temperature box, MFR testing machine、vicat testing machine、electronic tensile tester、pendulum-type impact testing machines and analytical balance、oven、etc.

Meanwhile, the entire process of the raw material purchase, production, on-site examine and service are all in control, all the quality management control work are implemented by well-trained personnel, consequently, ensure the good quality of Kingbull product.

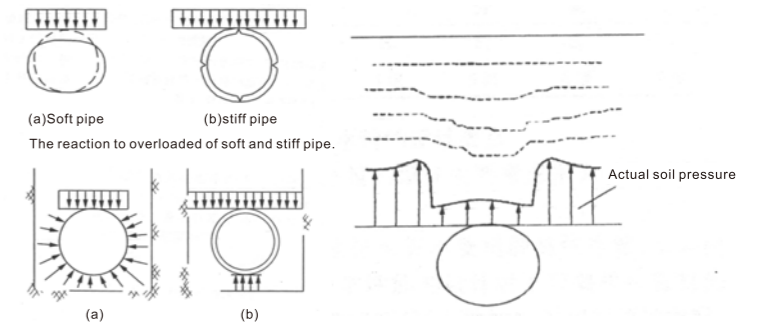
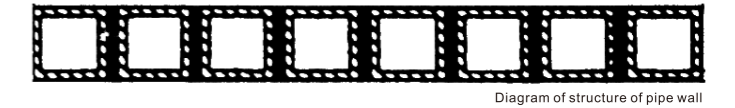
Products Features

- 1、Chemical resistance: Free from the corrosion of sewage, waste water and chemicals, as well as free from the corrosion by rotten substance of soil.
 - 2、Impact-proof: The external surface has horizontal "H" structure, perform well under impact and pressure, no broken even the basement subsided and has good restoration after deformation, applicable to any kind of basement well.
 - 3、Aging-resistance: The color of HDPE pipe is black, with longer and better bearing capacity under the expose of sunlight when store on at site of construction.
 - 4、cold-resistant: HDPE pipe can work under -60℃。
 - 5、Light weight: The weight of HDPE pipe is only 1/8 of concrete pipe, easy for construction and transportation.
 - 6、Convenient connection : HDPE installed by thermos-fusion or thermal contraction connection, compare to concrete pipe, with short construction time and lower costs, easier to serve maintenance.
 - 7、Good abrasive resistance: More abrasive compare to concrete and steel pipe, less residue left of sewage and waste water inside the pipe.
 - 8、Low fluid resistance : Inner wall is smooth, low fluid resistance, drainage rate is extraordinary.
 - 9、Economical: Be available to construct without digging jobs, cost of construction, management and maintenance is lower.
- Environmental-friendly: HDPE pipe is the most suitable material to environmental-friendly because it is sanitary and non-toxic, can be recycled.



Application Advantage

◎ Good impact strengthen:



◎ **Good hermeticity:** apply socket rubber connection or eletro-thermal fusion connection and thermal contraction connection, good hermeticity and no leakage.

◎ **Good chemicals:** Uneasy to breed bacterium、fouling ; uneasy to be corrosive; uneasy to accumulate acid subsistence and acid air;

◎ **Good abrasive resistance:** More abrasive compare to concrete pipe, less residue left of sewage and waste water inside the pipe.

◎ **Light weight:** The weight of HDPE pipe is only 1/8 of concrete pipe, only excavator needs, heavy machine is not necessary.

Application Fields

◎ **Construction:** Drainage of construction、 underground drainage、 pollution discharge、 Building ventilation

◎ **Industrial:** Sewage drainage of chemical、 medical、 environmental-friendly industry.

◎ **Municipal:** Drainage of municipal sewage;

◎ **Agriculture:** Irrigation of farmland, orchard, garden and forest belt.

◎ **Traffic:** drainage and seepage of water of railway、 railway、 highway

◎ **Water conservancy:** sinking work

◎ **Other area:** Drainage and seepage of water of other industry such as golf course and football field.

