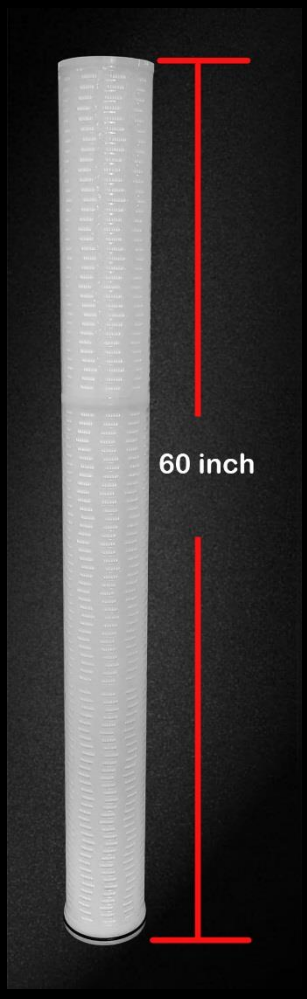
HENAN KELANDI FILTER TECHNOLOGY CO., LTD.

Integrated Molding Frame--- New Polypropylene

As one of the important components of water treatment, the function of large flow filter element is not only reflected in large flow, but also one of its advantages to help enterprises improve filtration efficiency and save cost. At the same time, its height, strength and large processing capacity also make it play an irreplaceable role and play a great advantage in work.
For large flow water filter element, its main structure is its internal and external skeleton form, which can make it bear a certain degree of pressure difference.

The skeleton of the traditionally designed high flow filter element is spliced, which is spliced by multiple skeletons. A single skeleton is formed by melting the connection position at high temperature and bonding. In this process, there may be hidden dangers of uneven melting and incomplete bonding. Even if it is completely bonded, the strength of the polypropylene skeleton may be weakened at high temperature, In this way, there may be a hidden danger that the overall compressive strength is not enough. If the working conditions are poor and the liquid pollution is bad, the skeleton may be deformed or even broken, which greatly reduces the service life of the large flow filter element. It also brings unnecessary losses to enterprises.



Compared with the traditional split filter element, the integrated skeleton filter element has obvious advantages. The special mechanism design makes the surface of the filter element have more uniform fluid distribution and uniform pressure everywhere, so as to improve the overall pollution holding capacity of the filter element.
Under the design working pressure, the integrated framework can better complete the work, eliminate the hidden danger of fracture and reduce unnecessary losses.

The Integrated Frame of Kelandi Filtration has uniform opening distribution and reasonable wall thickness, which provides the maximum effective filtration area on the premise of ensuring the compressive strength.

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