

Introduction

SUNYOUNG DURA™ series stainless steel composite filter basket is a new filter element developed by Sunrise. It is designed for pipeline strainer. The filtering surface consists of protection layer, filtration layer, distribution layer and reinforcing layer, and these layers are combined with advanced vacuum&high-temperature composite technique. DURA™ filter basket has the advantages of durable in use, washable when cleaning and good filtration performance. The traditional filter basket is simple add of filtration layer and reinforcing layer by spot welding, it has the problems of easy breaking, can not resist backwashing and precision getting bad. Client who choose Dura filter basket will find it is more convenient to clean it, it has more stable filtration performance and longer service life. Client saves operation cost, filter basket maintenance cost and have stable filtration process, the final product quality is improved.

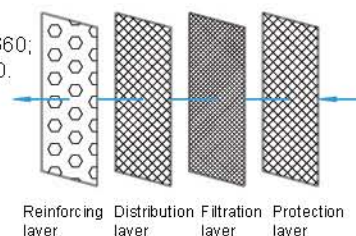


Characteristics and Advantages

DURA™ series stainless steel composite filter basket	Traditional overlap metal mesh filter basket
■ combine 4 layers tightly with composite technique	■ simple overlap, layers do not joint closely
■ resist outside powerful backwashing, be cleaned quickly	■ when backwashing with big strength, mesh may be damaged, difficult to be cleaned
■ integrative structure, can make high-quality welding	■ wire diameter is too thin, oxidized badly when welding, easy to break and corrode
■ filtration layer no metal wires moving, good filtering effect	■ filtration layer metal wire moves under pressure, filtering effect getting bad
■ long service life, low usage cost	■ high cycle life, high usage cost

Technical Parameters

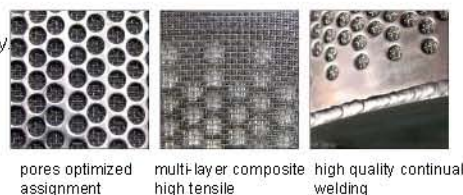
- Filtration precision (μ m) : 25/50/75/100/150/200/250/300/375/500
- Filter basket code and outer sizes: No.9 (*), dia.2 filter basket diameter170, length660; No.1 filter basket diameter170, length330, No.4 filter basket diameter95, length 310.
- Filtering area (m²) : B9=0.56, B2=0.35, B1=0.18, B4=0.1
- Working temperature: <300℃ @ 2Bar
- Recommended cleaning DP: 0.5-1 Bar
- Material: SS304/SS316L



Precision conversion table	Mesh count (Mesh)	500	300	200	150	120	100	75	60	50	40	30
	Micron (μ m)		30	50	75	100	125	150	200	250	300	375

Applications

- Filtration of acid&alkali solution, solvent and corrosive liquid in chemical industry
- Various polymer melt high-temperature continuous filtration.
- Different hydraulic oil, lubricant precision filtration.
- Filtration of raw water, treated water, process water and neutral liquid.



Purchasing Code



* No.9 filter basket has 1 more filtering surface than No.2 filter basket, its size is diameter100, length660. liquid moves from outside to inside.