



Fluid and Air Strainers

250 micron filter/strainers in 316 stainless or 316 stainless & polymer with universal connections for hydraulics, pneumatics and breathers.



TYPICAL APPLICATIONS: HYDRAULIC SUCTION LINES, AIR BREATHERS, “LAST CHANCE” FILTRATION, CORROSION RESISTANT STRAINERS

FEATURES

- Oversize 13cm² /2in² area 250 micron mesh
- 316 stainless for ultra lower corrosion, not 304
- Bodies in 316 stainless or polymer
- Standpipes, hose tails or female thread
- Optional special connections
- Cost effective and easy to swap out
- 10 versions satisfy lots of applications
- PTFE seal for universal compatibility
- All hose tails/standpipes in 316 stainless
- Suction, breather or return application

MODELS

- Polymer body/9.52mm dia standpipe p/n 442004000
- 316 body/9.52mm dia. standpipe p/n 442004100
- Polymer body/12mm dia standpipe p/n 442004200
- 316 body/12mm dia. standpipe p/n 442004300
- Polymer body/9.52mm dia hose tail p/n 442004400
- 316 body/9.52mm dia hose tail p/n 442004500
- Polymer body tapped M12x1 p/n 442004700
- 316 stainless body tapped M12x1 p/n 442004600
- Polymer body/12mm dia hose tail p/n 442004800
- 316 body/12mm dia hose tail p/n 442004900
- Polymer body/12.7mm dia standpipe p/n 442005700
- 316 body/12.7mm dia standpipe p/n 442005500

INSTALLATION & MAINTENANCE

APPLICATION

These simple strainers have wide application for low pressure suction strainers, air breathers, last chance strainers and lots of other similar applications on fluids or air.

The materials are polymer, 316 stainless and ptfе on the polymer body units and 316 stainless and ptfе on the stainless versions. There is no 304 stainless in the units, so they offer very low corrosion.

The area of the mesh is relatively large, but be aware that contamination will clog any strainer element and stop the flow of fluid. This is a flat mesh element. Move to a larger area or pleated element if clogging is an issue.

MOUNTING

Three mounting options are available.

-Mount these strainer elements by pushing into a 9.52mm or 12mm bore plastic tube for the hose tail versions.

Depending upon the material and application, you may use a hose clip to provide extra security.

-Use the 9.53 or 12mm stand pipes in conjunction with compression fittings. Ask the factory for other diameters such as 10 or 12.7mm for hose tails and stand pipes.

-The M12 x 1 female thread provides a female thread. Note the maximum thread length is 5mm. Don't use a longer thread.

OPERATION

These components will form easy strainers for various applications. 250 micron is a fairly coarse filter, so you will require dedicated filter elements if you need finer filtration. Talk to the factory.

Ensure that the strainer mesh is open to the fluid and not constricted, for example by being positioned too close to the base of a reservoir. In addition, being close to the base of a reservoir is not ideal due to the risk of an accumulation of debris in this region.

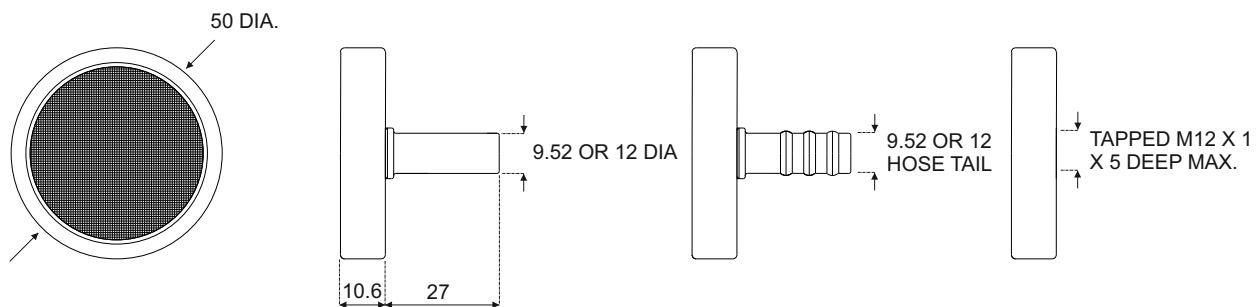
MAINTENANCE

As with any strainer, ensure that the elements do not become clogged during use. This is a visual check. They can be back flushed to remove debris. A cleaning solvent or detergent can be used to assist in loosening contamination. Replacing the element with a new one may well be the easiest solution.

SAFETY

This strainer element is a component forming part of a hydraulic pressure system. The system should be designed, operated and maintained in accordance with statutory requirements and other relevant instructions.

DIMENSIONS



Dimensions in mm

We are long established ISO 9001:2015 designers and manufacturers of hydraulic equipment. Full details of other products in our range are available from:

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