

F.R.L. Product-specific cautions: Inline filter FSL series

Design/selection

⚠ WARNING

- The filter's clear cover is made of special polyester resin. Avoid using in an atmosphere containing chemicals (see below) or in a place where these chemicals could come in contact as there is a risk of damage.

Chemical name

Chemical name
All alcohols
Paint thinner
Carbon tetrachloride
Chloroform
Acetic ester
Aniline
Cyclohexane
Trichloroethylene
Sulfuric acid
Lactic acid
Water-soluble coolant (alkaline)

* There are other chemicals which cannot be used. Contact CKD regarding details.

⚠ CAUTION

- Avoid installing this product where it is subject to direct ultraviolet.
- Note that when using in a circuit where vacuum and vacuum burst air are alternately applied, the dust removed by the element could be discharged by the burst air.

Mounting, installation and adjustment

⚠ WARNING

- Do not apply tensile, torsion, or bending loads to the body. Do not drop or apply excessive impact. The body could break or come apart.

⚠ CAUTION

- Check the arrow indicating the air flow on the body before connecting the pipes. The filter functions will not be satisfied if the pipes are connected in reverse.
- After removing the dust and replacing the element, securely fix the case and confirm that there are no leaks.

Use/maintenance

⚠ WARNING

- Always lock the slide lock during use.

⚠ CAUTION

- Periodically perform maintenance and inspection. A clogged element could decrease performance and cause other problems.

- When disassembling or assembling for maintenance, make sure that the O-ring is not damaged. Use of a damaged O-ring could result in problems such as leaks.

- When rotating the fitting body for disassembly or assembly, make sure not to apply excessive force with the tools, etc. The body could break.