CLAIMS

1. A fluid control device comprising a fluid control body that controls a fluid in a pipe, the fluid control body being installed in a sealed manner inside a casing which is externally fitted onto a fluid pipe in a sealed manner at a point where part of the fluid pipe is cut off in an uninterrupted flow state, wherein

the fluid control body includes

an on-off valve formed by a valve seat body which includes an opening portion and a valve element which is provided in the valve seat body in such a manner that the opening portion is openable and closable, and

a partition body formed by

a wall portion that is provided with a through hole communicating with the opening portion, the wall portion being mounted on the valve seat body in a sealed manner, and

a lid portion which is provided continuously to the wall portion, the lid portion covering an opening side of the casing,

the partition body including a seal component that seals a gap between an inner surface of the casing and the partition body, and

wherein a sealing member that seals the opening portion so as to enclose the opening portion is disposed between the valve seat body and the wall portion.

2. The fluid control device according to claim 1, wherein the wall portion is formed by a pair of wall members that is mounted to sandwich the valve seat body in an axial direction of the fluid pipe.

3. The fluid control device according to claim 2, wherein the lid portion is provided continuously to each of the pair of wall members.

4. The fluid control device according to any one of claims 1 to 3, wherein

an axial hole through which a neck portion of the fluid control body is inserted is formed in the lid portion.

5. The fluid control device according to claim 4, wherein the lid portion is mounted to sandwich the neck portion in an axial direction of the fluid pipe, and wherein

by connecting the lid portions in the axial direction, the axial hole is formed.