Claims

[Claim 1]
A lid comprising:
a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,
at least one breathable sheet with water repellency, wherein
the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein
the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein there is a gap between the breathable sheet and the lid region corresponding part.

[Claim 2]
A lid comprising:
a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,
at least one breathable sheet with water repellency, wherein
the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein
the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein
multiple breathable sheets are provided, and multiple breathable sheets are laminated.

[Claim 3]
A lid comprising:
a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,
at least one breathable sheet with water repellency, wherein
the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein
the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein
the breathable sheets are provided in a plurality, the plurality of breathable sheets have overlapping portions in the lid region corresponding part, and the plurality of breathable sheets are provided in positions offset from each other.

[Claim 4]
A lid comprising:
a body formed to be in contact with a container having an opening and an edge that

forms an outer periphery of the opening,

at least one breathable sheet with water repellency, wherein

the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein

the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein

a notch portion is formed in the breathable sheet to overlap with at least a part of the position corresponding to the penetration part.

[Claim 5]

The lid according to claim 4, wherein

the notch portion is formed in a straight line.

[Claim 6]

A lid comprising:

a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,

at least one breathable sheet with water repellency, wherein

the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein

the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein

the breathable sheet further covers at least a part of the contact region corresponding part.

[Claim 7]

A lid comprising:

a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,

at least one breathable sheet with water repellency, wherein

the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein

the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein

an insertion port is provided in the lid region corresponding part, the penetration part forms the insertion port.

[Claim 8]

A lid comprising:

a body formed to be in contact with a container having an opening and an edge that

forms an outer periphery of the opening,
at least one breathable sheet with water repellency, wherein
the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein
the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein
multiple penetration parts are provided, an insertion port is provided in the lid region corresponding part, in the insertion port, a weakening part guiding the division position in the lid region corresponding part is formed, the weakening part has multiple penetration parts and at least one continuous part formed between at least two of the penetration parts.

[Claim 9]
The lid according to claim 8, wherein
the weakening part forms multiple penetration parts radially around the continuous part.

[Claim 10]
A lid comprising:
a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,
at least one breathable sheet with water repellency, wherein
the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein
the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein
the penetration part is formed in a slit shape.

[Claim 11]
A lid comprising:
a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,
at least one breathable sheet with water repellency, wherein
the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein
the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein
a joint portion between the breathable sheet and the lid region corresponding part is an ultrasonic welding part.

[Claim 12]

A lid comprising:

a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,

at least one breathable sheet with water repellency, wherein

the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein

the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein

the breathable sheet is configured such that when stress is applied to peel the center of the breathable sheet from the lid region corresponding part, the rupture of the breathable sheet occurs before the destruction of the joint between the breathable sheet and the lid region corresponding part.

[Claim 13]

A lid comprising:

a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,

at least one breathable sheet with water repellency, wherein

the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein

the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein

the breathable sheet faces the non-opposite surface of the container among the lid region corresponding parts.

[Claim 14]

A lid comprising:

a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,

at least one breathable sheet with water repellency, wherein

the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein

the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein

the lid region corresponding part includes a base part with a small opening having a smaller opening area than the opening of the container, a small lid part for opening and closing the small opening, and a hinge part connecting the base part and the small lid part, the small lid part is configured to be rotatable with respect to the base part around the hinge part, the penetration part is formed at the boundary position between the outer peripheral edge of the small lid part and the opening edge of the small opening.

[Claim 15]
The lid according to claim 14, wherein
a knob part is provided on the upper surface side of the small lid part.

[Claim 16]
A lid comprising:
a body formed to be in contact with a container having an opening and an edge that forms an outer periphery of the opening,
at least one breathable sheet with water repellency, wherein
the body has a contact region corresponding part corresponding to the region contacted by the container along the peripheral edge of the container, and a lid region corresponding part configured on an inner part surrounded by the contact region corresponding part, wherein
the lid region corresponding part has a penetration part, and at least a part of at least one of the breathable sheets faces at least a part of the surface of the lid region corresponding part, wherein
the breathable sheet is arranged so that it can flex in a direction away from the body from the outer peripheral edge of the breathable sheet towards the inside of the breathable sheet.

[Claim 17]
The lid according to claim 16, wherein
when stress is applied to peel the center of the breathable sheet from the lid region corresponding part, it is configured such that the rupture of the breathable sheet occurs before the destruction of the joint between the breathable sheet and the lid region corresponding part.

[Claim 18]
The lid according to any one of claims 1 to 17, wherein the body has a cover wall part covering the opening when the body is attached to the container and a side wall part surrounding the cover wall part, wherein
a contact region corresponding part corresponds a region that contacts the edge of the container from above along the edge of the container.

[Claim 19]
The lid according to any one of claims 1 to 17, wherein
the breathable sheet is horizontally provided with respect to an opposite surface to the container in the lid region corresponding part.

[Claim 20]
The lid according to any one of claims 1 to 17, wherein
a surface roughness of the breathable sheet is greater than that of at least a part of the lid region corresponding part.
[Claim 21]
The lid according to any one of claims 1 to 17, wherein
the fibers constituting the breathable sheet have pulp fibers.

[Claim 22]

The lid according to any one of claims 1 to 17, wherein at least a part of the breathable sheet includes the paper-based material.

[Claim 23]
The lid according to any one of claims 1 to 17, wherein
the breathable sheet is formed of paper-based material.

[Claim 24]
The lid according to any one of claims 1 to 17, wherein
the breathable sheet is a fiber sheet treated with a water-repellent treatment.

[Claim 25]
The lid according to any one of claims 1 to 17, wherein
the breathable sheet is provided to cover at least a part of the penetration part.

[Claim 26]
The lid according to any one of claims 1 to 17, wherein
the breathable sheet is partially joined to the lid region corresponding part.

[Claim 27]
The lid according to any one of claims 1 to 17, wherein
at least the lid region corresponding part and the contact region corresponding part are formed of paper-based material.

[Claim 28]
The lid according to any one of claims 1 to 17, wherein
the breathable sheet has multiple fibers.

[Claim 29]
The lid according to claim 18, wherein the breathable sheet is further provided on the side wall part.

[Claim 30]
A container with a lid, comprising:
the lid according to any one of claims 1 to 17,
the container having the opening formed at the upper end,
the lid is joined to the container.

[Claim 31]
A combination of a lid and a container, comprising:
the lid according to any one of claims 1 to 17; and
the container having the opening formed at the upper end.