Claims

[Claim 1] A circularly polarizing plate, comprising, in this order:

a first protective layer;

a polarizer;

a second protective layer; and

a retardation layer having an in-plane retardation Re(550) of from 80 nm to 200 nm,

wherein the second protective layer has a moisture permeability at 40°C and a relative humidity of 92% of less than 160 g/m$^2$/24 H, and

wherein the circularly polarizing plate is used for a flexible image display apparatus,

wherein the circularly polarizing plate further comprises

(i) a pressure-sensitive adhesive layer at an outermost portion of the circularly polarizing plate on a retardation layer side, and a release liner, which is temporarily bonded to a surface of the pressure-sensitive adhesive layer; and

(ii) a surface protective film, which is temporarily bonded to an outermost portion of the circularly polarizing plate on a first protective layer side,

wherein the circularly polarizing plate has a curling amount of within ±6 mm when placed under an environment having a temperature of 25°C±5°C and a relative humidity of 55%±10% for 72 hours under each of the following states:

a state in which the circularly polarizing plate has

temporarily bonded thereto the release liner and the surface protective film;

a state in which the release liner has been peeled and removed from the circularly polarizing plate, and the circularly polarizing plate has temporarily bonded thereto the surface protective film; and

a state in which the release liner and the surface protective film have been peeled and removed from the circularly polarizing plate.

[Claim 2] The circularly polarizing plate according to claim 1,

wherein the second protective layer is omitted,

wherein the retardation layer doubles as a protective layer for the polarizer, and

wherein the retardation layer has a moisture permeability at 40°C and a relative humidity of 92% of less than 160 g/m$^2$/24 H.

[Claim 3] The circularly polarizing plate according to claim 1 or 2, wherein an angle θ formed between an absorption axis of the polarizer and a slow axis of the retardation layer is from 35° to 55°.

[Claim 4] The circularly polarizing plate according to any one of claims 1 to 3, further comprising a hard coat layer on an outer side of the first protective layer.

[Claim 5] A flexible image display apparatus, comprising the circularly polarizing plate of any one of claims 1 to 4.