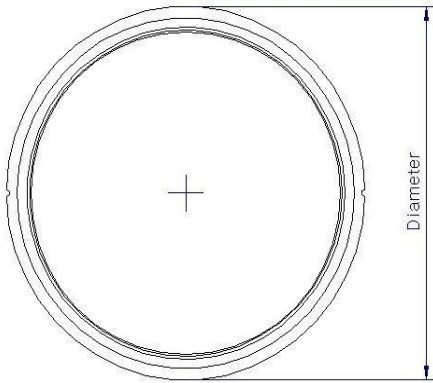


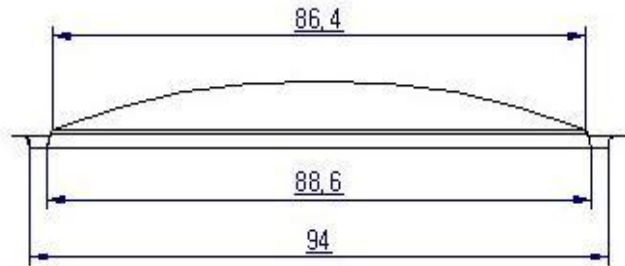
CURVED FILM

1. DIMENSION



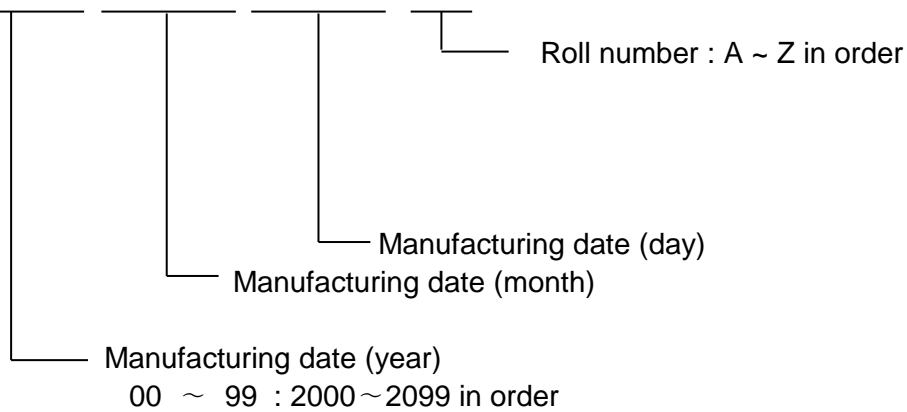
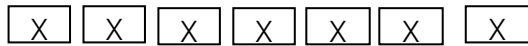
Diameter	100mm (Deviation : 1mm)
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The size and shape could be cutted by user's need in above range.



2. TEST LOT AND TEST REPORT

The lot number is made up of one-lot products composed from the same material under the same continuous manufacturing conditions.



3. INSPECTION ITEMS

NO	Item	Method
1	Appearance	5 . 1
2	Measurements	5 . 2
3	Effective part Thickness	5 . 3
4	Polarizer optical characteristics	5 . 4

4. INSPECTION FORMULA

4.1 Appearance

Inspection every pieces despite of a lot size.

4.2 Characteristics

The surface of all pieces should be inspected.

5. INSPECTION METHOD

5.1 Appearance

Items	Acceptable limits	Remarks
(a) Waves and buckles	Insignificant	Acceptable outside of 80mm
(b) Tears	Insignificant	Acceptable outside of 80mm
(c) Stains	Insignificant	In the inner 80mm
(d) Creases	Insignificant	
(e) Pits and Cotton	Length x Width $\leq 1 \times 1$ mm Quantity ≤ 2 ea(per film)	in the inner 80mm
(f) Scratches	① length ≤ 5 mm	Light and multiple scratches that are not visible through the film
	② none in the inner 80mm of the film	Heavy scratches that are visible through the film

5.2 Measurements

Length and width are measured with a metal ruler with minimum graduation of 1mm.

5.3 Effective part thickness

With a micrometer having minimum graduation of 1/1000mm, the thickness of PVA film is measured.

5.4 Polarizer optical characteristics : Transmittance, Polarizing Efficiency, Hue Value.

(1) A wavelength ranged from 400 to 700nm is measured by the spectro-photometer and the result is corrected by sensitivity characteristics, after which a single body and perpendicular crossing average of transmittance and polarizing efficiency.

(2) Hue is calculated by hunter system and indicated by L, a, b and Y, x, y.

6. Packging

The polarizing film are put in a Plastic Can with a dehumidifying agent and then Stacked in Hard-Paper tube, outside vacuum sealed with Plastic bag.

7. Marking

- ① Product name
- ② Dimensions
- ③ Quantity
- ④ Lot No.
- ⑤ Manufacturer's name

8. HANDLING AND STORAGE CONDITIONS

- (1) The polarizing film sealed in its packing should be stored under the constant conditions of $20\pm 1^{\circ}\text{C}$ and $40\pm 2\%\text{RH}$ and kept away from heat shock (e.g. $35^{\circ}\text{C} \rightarrow 5^{\circ}\text{C}$).
- (2) Treat the polarizing film with care. Rough handling may damage the films.
The polarizing film is very sensitive and injured easily by rubbing, bending or hitting.
- (3) The surface of the polarizing film should not be touched by the fingers

9. CIRCUMSTANCE

Cleanness of forming room and producing room of flat film is controlled as 1000 CLASS.