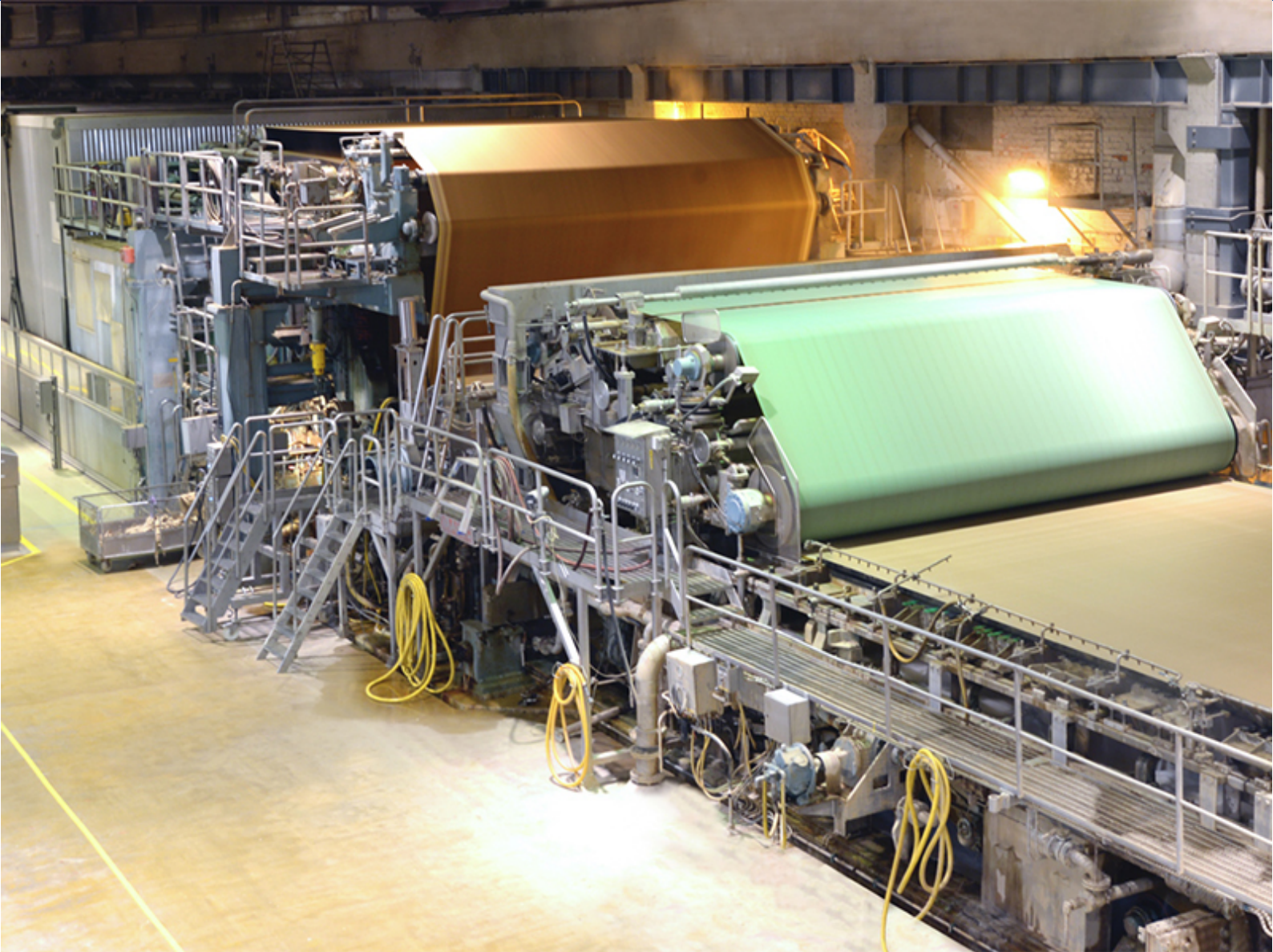


*Specialize in Paper Machine Clothing, Polyester Mesh Belts manufacturing and solution.*



## Paper Machine Clothing Double Layer Forming Fabric

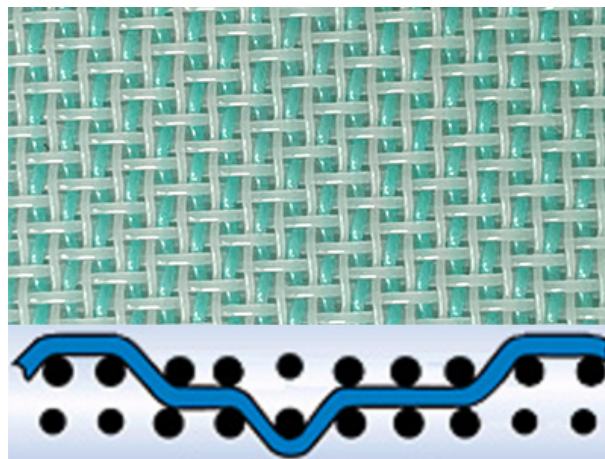
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## Description

Double layer forming fabric usually means that the weft yarn has a double-layer structure. Compared with single layer forming fabric, double layer warp and weft have higher density, strong stability, but poor tensile performance.

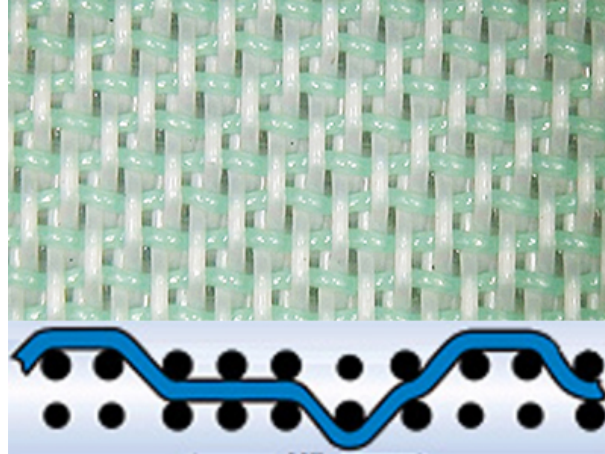
In the weaving process, the diameters and material types of sheet-side and machine-side wefts can be selected independently, enabling improvements in wire mark, two-sidedness, flatness, and fabric life.

Due to the special structure of the double-layer fabric, it has a large three-dimensional space, and the flat space is almost zero, so our double-layer also provides excellent drainage performance. Drainage force does not directly affect the paper layer, which helps improve retention and prevents lint.



7-shed Double Layer Forming Fabric

Excellent surface properties providing good fabric surface smoothness. Suitable for paper with wire mark difficulties.



8-shed Double Layer Forming Fabric

Provides excellent drainage and abrasion resistance properties. The 8-shed double-layer forming fabric includes one set of longitudinal fiber heddles and two sets of transverse fiber heads, which allows fine fibers to be retained on the top layer, and thicker fibers are used at the bottom to help obtain better sheet forming characteristics.

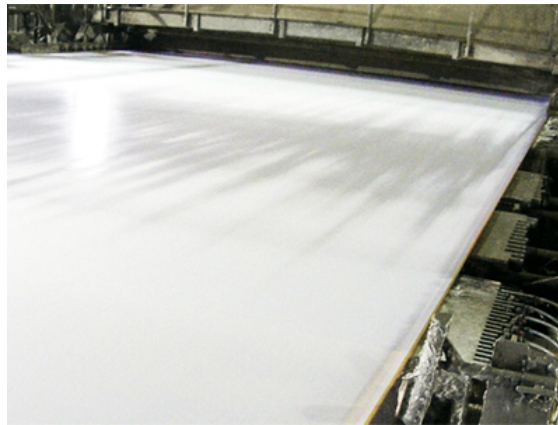
## Feature

- Fine papermaking surface on top giving high fiber support.
- Improved formation and retention.
- Improved fabric life.
- Enhanced dimensional stability and stretching resistance.

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## Application

Double layer forming fabric is suitable for producing quality paper which includes printing paper, wrapping paper, board grade, onion-skin paper, newsprint. Suitable for medium and high-speed paper making machines.



## Specifications

| Weaving series      | Model | Diameter(mm) |           | Density Pics/cm |      | Strength N/cm $\geq$ |         | Thickness mm | Permeability M3/m2/h | Elongation at 50 N/c $\leq$ % |
|---------------------|-------|--------------|-----------|-----------------|------|----------------------|---------|--------------|----------------------|-------------------------------|
|                     |       | warp         | weft      | warp            | weft | surface              | joining |              |                      |                               |
| 7 shed Double layer | 56177 | 0.17         | 0.17/0.20 | 60              | 48   | 800                  | 600     | 0.635        | 5200                 | 0.6                           |
|                     | 0.2   |              |           |                 |      |                      |         |              |                      |                               |
| 7 shed Double layer | 57177 | 0.17         | 0.17/0.22 | 65.7            | 49.6 | 800                  | 600     | 0.635        | 4550                 | 0.6                           |
|                     | 0.22  |              |           |                 |      |                      |         |              |                      |                               |
| 8 shed Double layer | 60188 | 0.17         | 0.18/0.20 | 66              | 49   | 900                  | 650     | 0.68         | 4500                 | 0.6                           |
|                     | 0.2   |              |           |                 |      |                      |         |              |                      |                               |
| 8 shed Double layer | 62188 | 0.17         | 0.16/0.19 | 69.5            | 50.5 | 900                  | 650     | 0.6          | 6200                 | 0.6                           |
|                     | 0.19  |              |           |                 |      |                      |         |              |                      |                               |

Add: No.1107, Floor 11, Dazhong Plaza, Yinhe Road, Guangyang District, Langfang, Hebei, China 065000

Factory Add: Industrial Park Zone of South Anping County, Hebei Province, China 053600

Tel: 00862188808

Mobile/WhatsApp/WeChat: 008615369679157

E-mail: [polyestermeshbelts@pfmscreen.com](mailto:polyestermeshbelts@pfmscreen.com)

Website: [www.polyestermeshbelts.com](http://www.polyestermeshbelts.com)