

<Resin Bonding >

1.

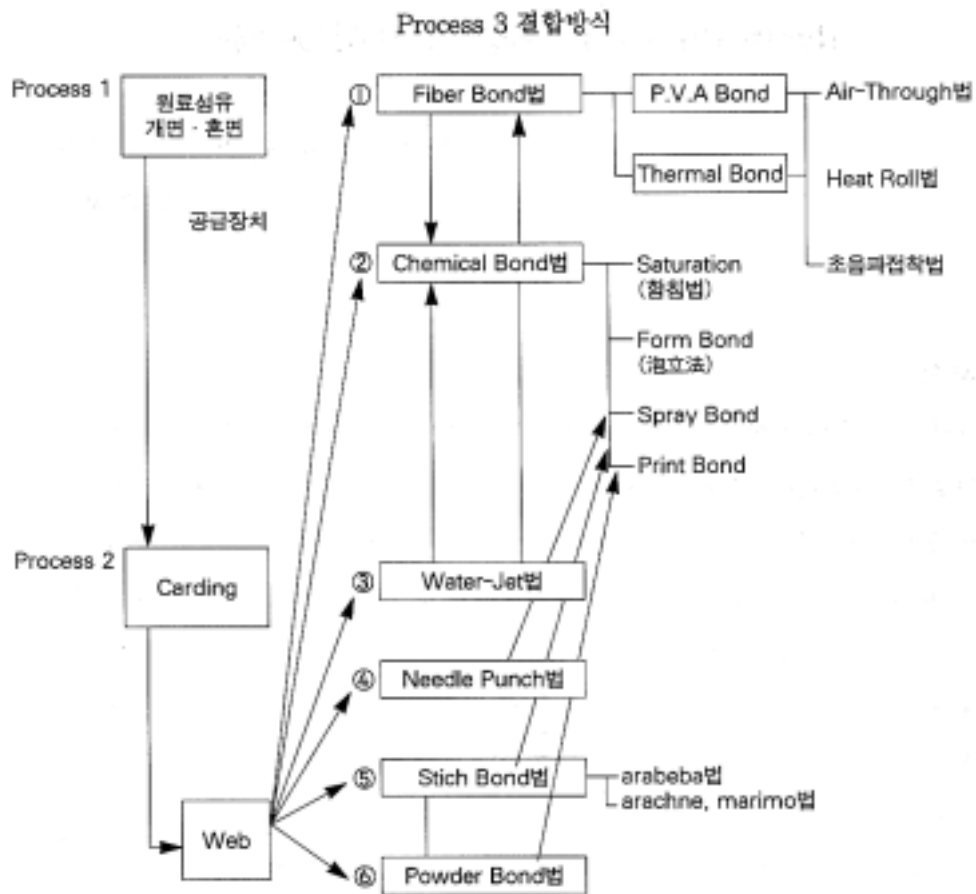
Resin Bonding(Chemical Bonding)

Bonding .
, , Resin spraying, Resin emulsion Satulated
& Impregnate Bonding ,
. Resin Bonding 가 Resin satulater 가
USA Rodony-Hunt Synthetic Rubber Latex(SBR, NBR etc),
Acrylic emulsion , 가 가
Type, 가 Type ,
가 가
.
Resin Bond ,
가 . seminar

2. Resin Bonding

Bonding 가
1 . (
Chemical Bond) 가 , Satulation(含浸,
Impregnation). Foam Bond(泡立法), Spray Bond, Print Bond

Powder Bond



< 1 >

3.

Resin Bonding 가

가

3-1.

3-1-1. 細denier

1.2d 가 가

web making , carding maker ,
 1 denier , 0.5 denier
 가 , Fine soft web making 가
 . card , wire
 point가 .

3-1-2

(PET), , 가
 , , High-Tech
 .

4. Web Foaming

Roller card 1denier 細denier
 Flat card 細denier
 가 .

4-1 Web ,
 web 2 (web) 3
 ()가 , 2 . Card
 web(card 1 web), (card web
 web) (parallel) 2
 가 . parallel web
 . Card web cross cross
 , card web
 . web .

3 web(Random web)

Random 2

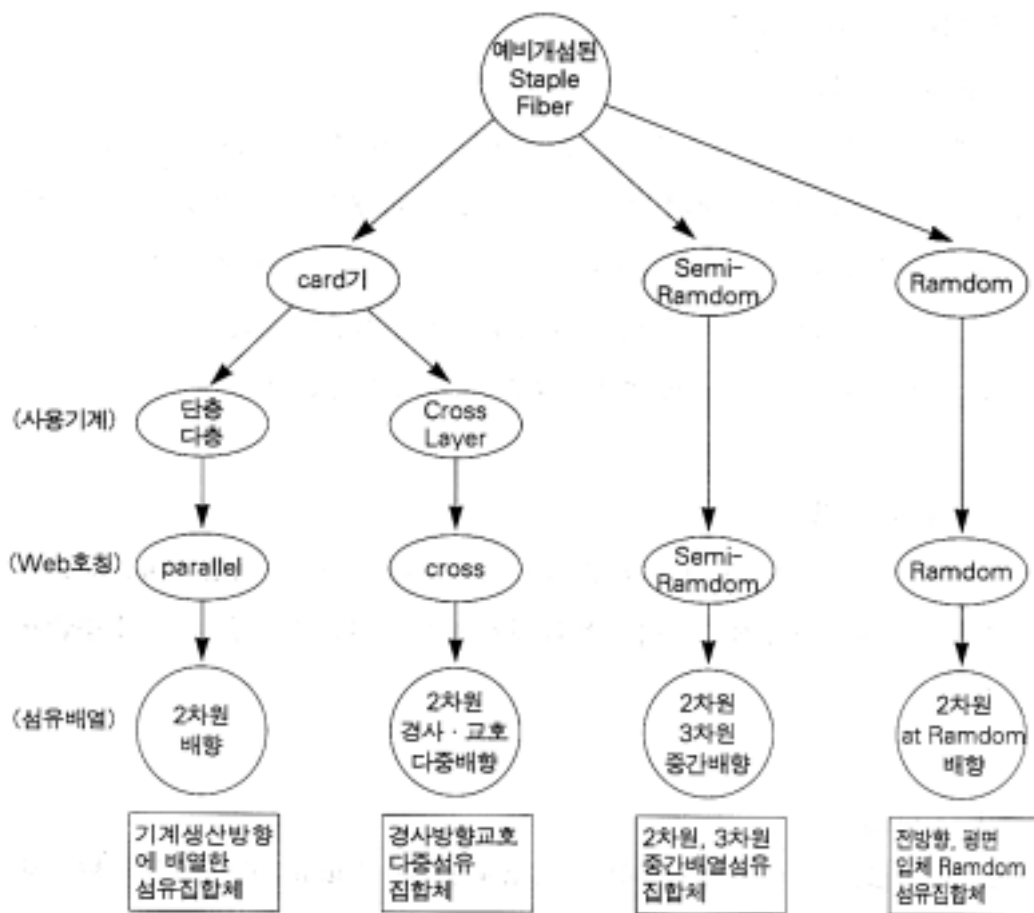
가 web 가 card web

Random web web Semi-

Random web web 2 3

card web parallel

Disposable



< 2> Web

4-2 Web

web . 3

3ply parallel web , 4 Cross layer , 5 Cross layer ,

6 Random web 3 (6-1, 6-2, 6-3) 7-1, 7-2 Semi-Random

Random . web making Semi-Random web

cross lay web web parallel

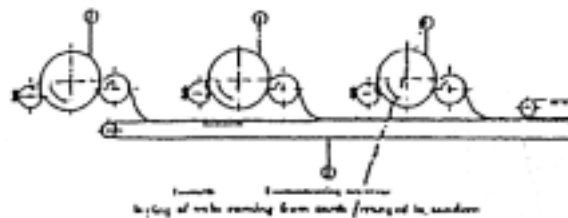
card web layer

layer web ((耳部)) ,

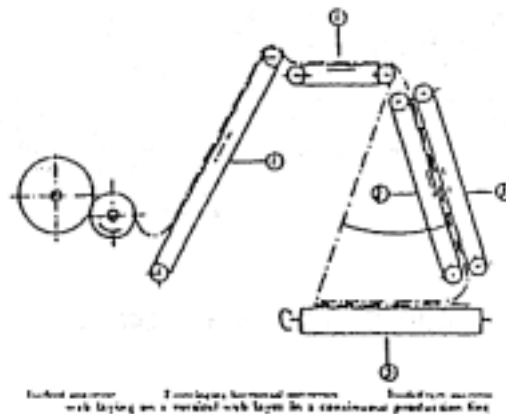
crimp , card web press web

up . web

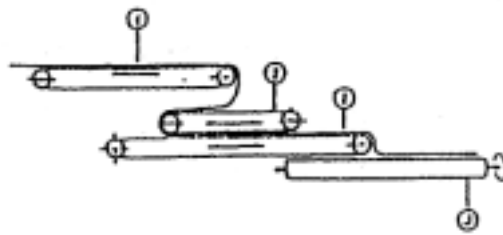
1 .



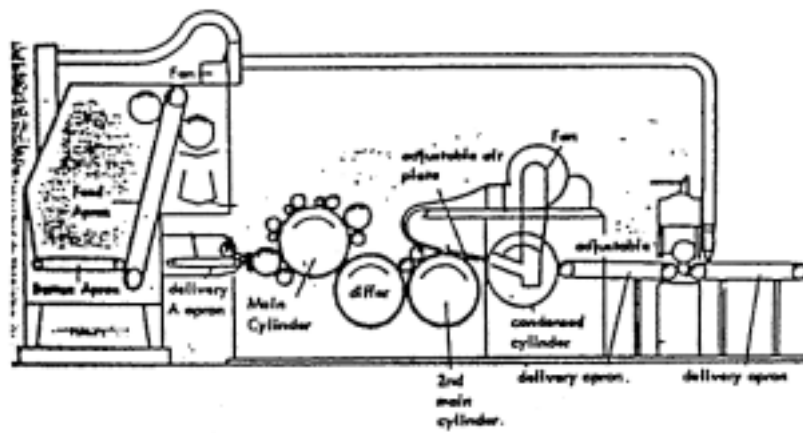
< 3> 3 parallel web



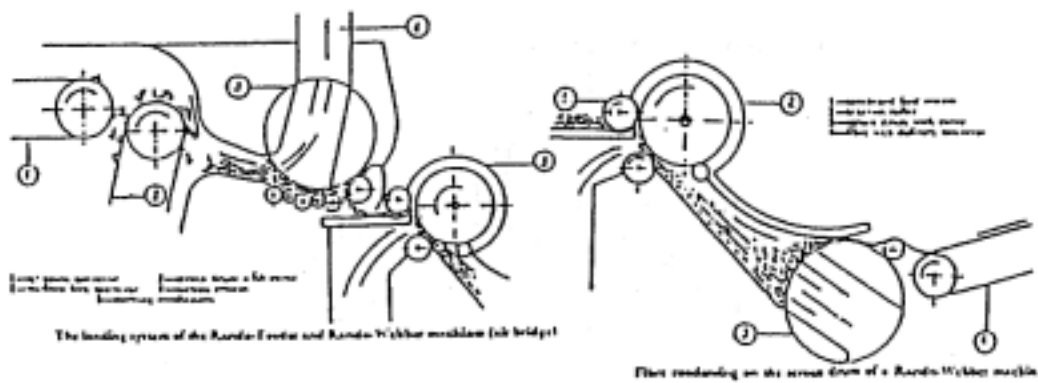
< 4> Cross layer vertical type



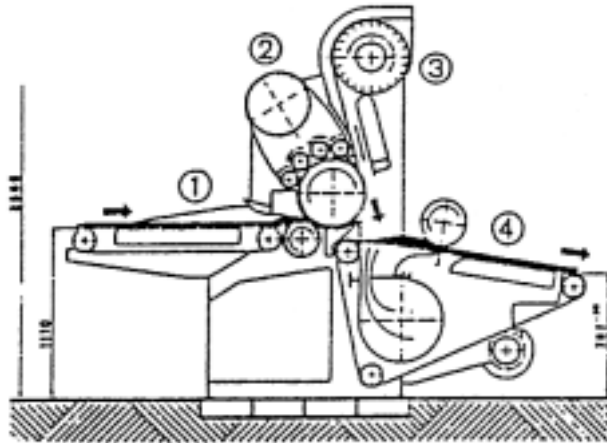
< 5> Cross layer horizontal type



< 6-1> Random (1)

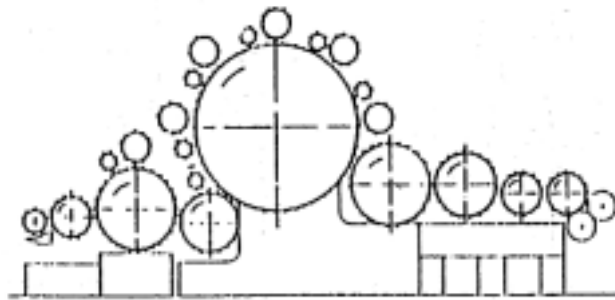


< 6-2> Random (2)



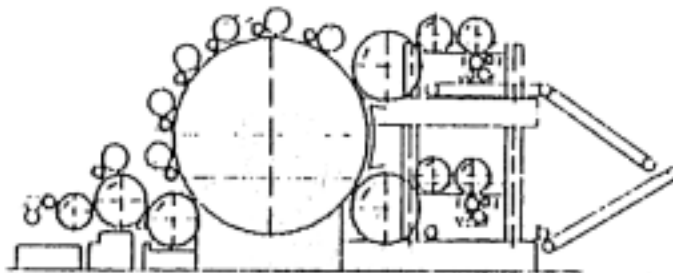
< 6-3> Random (3)

Non-woven random cord type 3500



< 7-1> Semi-Random (1)

Double-doffer cord type 216



< 7-2> Semi-Random (2)

4-3 Web

web mechanism web web

.

< 1> web

Web		Parallel	Cross	Semi-Random	Random	Cross
()			○			
()		○		○	○	,
			○			Random
Web				○		Web Draft
	1.0d		○			, Nep
	Nylon	○	○	○	○	
	PET PP					
					○	가
			○			
Web					○	Parallel, Semi-Random
Web					○	가
Web				○		
				○		

4-3-1 Web

card web cross web .

card web . Cross web ,

가 web 가 .

4-3-2 Air layer web

card garnet ,

가 cylinder conveyer, 1~2

drum speed Balance web . web

part Balance .

3 web 가

가 가 가 .

4-3-3 Web

Carding

point card cylinder

. cylinder 2

cylinder cylinder

compact .

가 metallic wire cylinder

wire 가 metallic wire

, tension 가 . cylinder

up cylinder 가 jet Fiber

trouble . air vacuum

.

4-3-4 Cross layer web drafter synchronize

cross layer card Delivery speed 가 ,

card web delivery layer cross web

web web draft web

() .

drafter draft 20~30% denier

200~300% 가 . Drafter Roller speed

synchronize digital speed change가 가 ,
draft point roller metallic wire
.