

Card sliver Hook

Hook 20 ,

. hook

Ghosh Bhaduri Mody Joshi .

가 cylinder doffer web

가 가 hook

.

Hook

< 1> cylinder web hook

, hook(both end hooked) .

, cylinder major hook가 web

, mody Joshi 가 . Web U-hook 95%

가 Singh . <

1> Table ,

가 가

.

Mody Joshi[3] card flat spacing hook

cylinder hook hook

. hook 가 cylinder

doffer cylinder flat

< 1> Cylinder web hook

		Trailing hooks		Leading hooks		Both ends hooked	No hooks	Other
		One-end	U-hooks	One-end	U-hooks			
Cylinder	a	2	1	63	10			
	b	3(6) ^c		73(76)		3	21	0
Web	a	53	6	12	1			
	b	59(70)		13(24)		11	16	1

a: [1]

b: [2] Table

c: hook hook 가

U-hook hook

< 1> A B doffing

, web 가 cylinder

doffer 가 (8) 가

. cylinder doffer 가

가 ,

가 .

가 . , cylinder

doffer , doffer

가 . AA .

doffer ,

BB

A. LEADING ENDS, CYLINDER

	Hooked 64%		Straight 2%	
	Case 1	Case 2	Case 3	Case 4
Before Transfer to Doffer				
During Transfer to Doffer				
Fibers in Web	Reversal	No Reversal	Reversal	No Reversal
Hooked	22%	11%	10%	4%
Straight	11%	20%	4%	3%

. Category AA C-Cylinder

.. Category BB D-Doffer

B. TRAILING ENDS CYLINDER

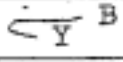
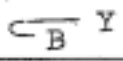
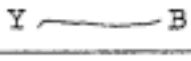
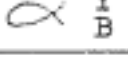
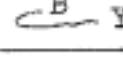
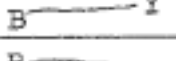
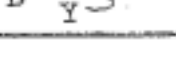
	Hooked 4%		Straight 81%	
	Case 5	Case 6	Case 7	Case 8
Before Transfer to Doffer				
during Transfer to Doffer				
Fibers in Web	Reversal	No Reversal	Reversal	No Reversal
Hooked	0	1%	9%	26%
Straight	3%	0	35%	11%

. Category AA C-Cylinder

.. Category BB D-Doffer

< 1> Cylinder web

< 2> U-Hook

CYLINDER		WEB
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

B Y

Blue Yellow

< 3> U-hook

hook , cylincer U-hook가 web
hook U-hook , cylinder U-hook가
web U-hook가 ,

1:3 U-hook 가

case 1 3

< 3> U-Hook

U-shaped Hooks			
Cylinder		Web	
No.	Direction	No.	Direction
Fibers on cylinder with		3	Trailing
no U-hooks that had		1	Leading
U-hooks in web			
U-hooks on cylinder that	10 Loading	3	Trailing
remained in web			
U-hooks on cylinder that	1 Trailing		
produced a hooked end		5	Leading
in web other than U-			
hooks			
U-hooks on cylinder that	2 Loading		
produced straight fib-			
ers in web			
U-hook summary	10 Loading	1	Leading
	$\frac{1}{11}$ Trailing	$\frac{6}{7}$	Trailing

가 web
 , hook
 . 가 card sliver
 hook가 major hook가 minor cylinder flat
 , doffer . Doffer
 hook
 cylinder card web major minor
 가 AA BB