

# Lickerin wires

## for revolving flat cards

Passport

### What?

The lickerin is responsible for opening of the mat of fibres fed to the card. The majority of trash is removed in the lickerin area. Proper and regular opening and (pre-)cleaning of the fibres by the lickerin is crucial for card sliver and yarn quality as well as to maintain the lifetime of the cylinder and the tops.

### Tip

In order to maintain the lickerin area working with high performance, we recommend timely replacement of lickerin wire. Spinners benefit through better carding results (higher nep and trash removal, lower number of Classimat faults) as well as higher lifetime of cylinder and tops.

Grooved Lickerin  
L55-10-40



Interlock lickerin  
V8-10-40



### Product info grooved and interlock lickerin:

- **Grooved lickerins** are mostly used on (older) slower cards.
  - The front angle is dictated by the application.
    - Cotton is carded with 10° front angle (carded and OE applications) or with 5° (combed cotton mostly, using long and fine cotton fibres).
    - For synthetics, we have grooved lickerin wire with 0° front angle.
  - Grooved lickerins are available in several rib widths to suit particular cards.
  - Grooved lickerins can be supplied in Super or Duratech steel. Duratech is our recommendation to achieve best performance and lifetime on grooved lickerins.
- **Interlocking** can be used to convert worn out grooved lickerins. Modern, high-speed cards are using interlocking lickerins. The specification for interlocking lickerin is in the most cases card specific, with the full range being offered by Bekaert Carding Solutions. Interlocking lickerin wires are available in Super, Duratech and Ultra. We recommend the use of Ultra interlock lickerin wires to achieve the best carding performances.

### Properties:

- Manufactured to precision tolerances
- Consistent heat treatment for optimum hardness and hardness depth resulting in increased wear resistance and longer lifetime.
- Soft ribs to facilitate easy wire mounting

### Grooved: 2 steel grades

Product	Height (mm)	Rib (mm)	Pitch (mm)	Angle (°)	ppsi	Super	Duratech
						standard high carbon steel	micro alloyed steel
L55-10-40	5.50	Variable	5.10	10	40		
L55-05-40	5.50	Variable	5.10	5	40		
L55-05-29	5.50	Variable	7.10	5	29		
L55-00-42	5.50	Variable	4.80	0	42		
L55-00-28	5.50	Variable	7.60	0	28		

Range of Bekaert grooved lickerin wires (available in Super and Duratech steel)

### Interlock: 3 steel grades

Product	Height (mm)	Rib (mm)	Pitch (mm)	Angle (°)	ppsi	Super	Duratech	Ultra
						standard high carbon steel	micro alloyed steel	high end steel for longest lifetime
V8-10-40	5.00	3.17	5.30	10	40			
V8-05-40	5.00	3.17	5.30	5	40			
V8-00-42	5.00	3.17	4.70	0	42			
V12-20-113	5.00	2.12	2.70	20	113			
V12-10-113	5.00	2.12	2.70	10	113			
V12-05-113	5.00	2.12	2.70	5	113			
V16-20-210C	5.00	1.59	1.95	20	210			
V16-10-210C	5.00	1.59	1.95	10	210			
V16-20-160C	5.00	1.59	2.50	20	160			

Range of Bekaert interlock lickerin wires (available in Super, Duratech and Ultra steel)