



Tops



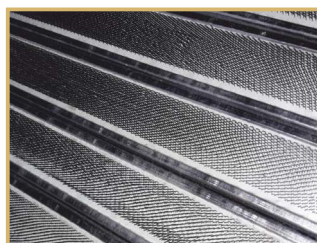
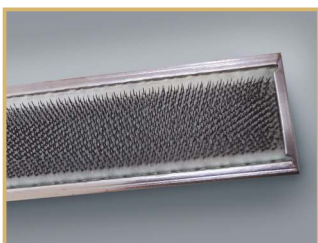
The Indian Card Clothing Co. Ltd.

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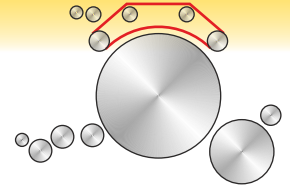


With a multiple reverse  
airflow lane.

Streamlined air flow. Cleaner working in card. Increased efficiency.



# ProLyf Gold Tops



The development of the modern high production cards, working at more than 150 kgs/hr, have largely been possible due to increased cylinder speeds and the robust structure of the carding components. The increased productivity of the cards needed modification in design of the tops to maintain the much needed quality of the output of cards. Effective removal of the neps, short fibres and trash without rupturing the fibres during high production rate, requires the wire points of the tops to be uniquely positioned.

The higher production rate requires an increase in the carding efficiency to maintain the quality of the output. The high cylinder speed, which may exceed 600 RPM, creates a huge air current around it. This increased air current creates a turbulence in the Cylinder-Flat zone. It is imperative that this air be channelled in a streamlined fashion through the wire points of the tops.

At ICC, we have innovated a patented setting design of the wire point in the tops, so that the air current is duly streamlined resulting in the tops remaining clean even when working for a longer time. To enhance the carding efficiency, the vertical lanes of the wire points of the tops are made narrow in comparison to the commonly available tops.

## Salient features:

- The unique multiple reverse airflow lane in the Tops ensures that fibres travel through tops so as to effectively remove impurities, such as neps, short fibres and trash at higher production rate.
- The Tops work in a clean manner as a result of the unique setting pattern.
- Special grade micro alloy steel chemistry of wire ensures higher life expectancy of tops.
- Higher carding efficiency even at high production rate.



Type	Height (mm)	Angle	PPSI
ProLyf Gold 55	8.0mm	70°	530

**Effective Date:** 15 April 2022. This issue supersedes all earlier issues.

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