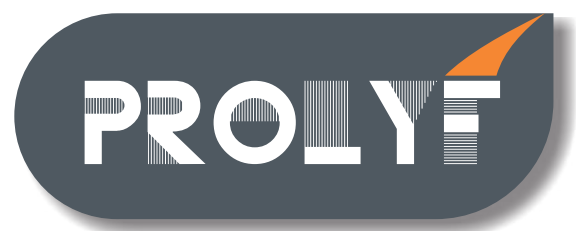


The Sharp Edge of Innovation



Innovative, sturdy and long-lasting carding solutions for your business.



Today's high production card which works upto 150 kgs/hour and beyond, needs cardclothing with superlative parameters. While every tooth should be perfect as per its specification parameters, another important factor is an excellent surface finish of the wire. Additionally, there is a need of a refined microstructure to provide toughness to high wear- resistance of the wire tip.

Increased production rate needs higher interactive carding wire points. A superlative surface finish of the wire would result in low friction of the fibres which have to work at high speed and production rate. This will help to reduce fibre rupture as well as excessive heat generated in the card. Generation of static charges in the card will also be reduced while processing synthetic fibres, which in turn will help in improving working performance of the card.

At ICC a special steel with specific chemical composition having process specific wire-tip design and an innovative heat treatment process has successfully introduced a new series of Cardclothing - ProLyf Series..

The Salient features of ProLyf Series Cardclothing are as follows :

- Wires are made out of special micro alloy steel for achieving higher life at high production rate.
- Superlative surface finish will result in generation of low heat and reduced fibre rupture at high production rate.
- Reduction in the running-in-period of the card.
- Introduction of innovative heat treatment process, helping in refinement of the microstructure for achieving extended life of cardclothing.
- Ensures high consistency in the quality of the card over a longer period of time.
- Allows lower maintenance cost while maximising productivity.



| Type of wire | Height (mm) | Rib (mm) | Front Angle | PPSI |
|---------------------|-------------|----------|-------------|------|
| M 64 17 20 57 PRO | 2.0 | 0.4 | 57 | 1090 |
| M 64 15 20 55 PRO | 2.0 | 0.4 | 55 | 950 |
| M 51 17 20 57 PRO | 2.0 | 0.5 | 57 | 860 |
| M 42 17 20 57 PRO | 2.0 | 0.6 | 57 | 720 |
| M 51 15 25 70 PRO | 2.5 | 0.5 | 70 | 760 |
| M 42 17 25 65 PRO | 2.5 | 0.6 | 65 | 720 |
| CMF 64 15 20 53 PRO | 2.0 | 0.4 | 53 | 950 |
| CMF 51 17 20 57 PRO | 2.0 | 0.5 | 57 | 860 |
| CMF 42 17 20 70 PRO | 2.0 | 0.6 | 70 | 720 |

* Available in different Alloy steel metallurgy.

The Indian Card Clothing Co. Ltd.

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The ever increasing demand to improve the performance of cardclothing has led ICC to incorporate newer technologies in manufacturing of cylinder wires. For those cards which are working upto 60 Kgs/hour, ICC has come out with a new range of Cylinder wire -- MaxLyf. Newest technologies in manufacturing of these wires have been incorporated to maintain proper leading edge of wire tip so as to provide consistency in carding performances.

While special alloy steel is being used to suit different production parameters, usage of newer technologies have ensured highly consistent performance over the extended life of cardclothing. Fine grain crystalline micro structure ensures high wear-resistance which has been made possible due to use of advanced heat treatment process.

MaxLyf has a wide range of Cylinder wires to suit different production rates and to process wide range of fibres. This will provide cost effective solution to spinning mills.tip design and an innovative heat treatment process has successfully introduced a new series of Cardclothing - ProLyf Series..

The salient features of MaxLyf series of wire are as follows:

- Made out of special alloy steel for achieving higher life
- Perfect leading edge of wire tip to ensure consistency in performance
- Advanced heat treatment process for crystalline microstructure to provide increased wear resistance
- Low maintenance cost for per kg of yarn production.



| Type of wire | Height (mm) | Rib (mm) | Front Angle | PPSI |
|-----------------|-------------|----------|-------------|------|
| 64 15 20 57 MAX | 2.0 | 0.4 | 57 | 1090 |
| 64 15 20 55 MAX | 2.0 | 0.4 | 55 | 950 |
| 51 17 20 57 MAX | 2.0 | 0.5 | 57 | 860 |
| 51 16 20 53 MAX | 2.0 | 0.5 | 53 | 785 |
| 42 17 20 57 MAX | 2.0 | 0.6 | 57 | 720 |
| 51 15 25 70 MAX | 2.5 | 0.5 | 70 | 760 |
| 42 17 25 65 MAX | 2.5 | 0.6 | 65 | 720 |
| 42 16 20 53 MAX | 2.0 | 0.6 | 53 | 652 |
| 64 15 20 53 MAX | 2.0 | 0.4 | 53 | 950 |
| 51 17 20 57 MAX | 2.0 | 0.5 | 57 | 860 |
| 42 17 20 70 MAX | 2.0 | 0.6 | 70 | 720 |

* Available in different Alloy steel metallurgy.

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