

News Letter Vol. 2

2019





**PRODUCT
RANGE**

- FAN & MOTOR RUN CAPACITORS
- AIR CONDITIONING CAPACITOR
- SUBMERSIBLE PUMP CAPACITOR
- OIL FILLED CAPACITORS
- START CAPACITORS
- LIGHTING CAPACITORS
- PFC CAPACITORS
- MPP FILM
- CAPACITOR DUTY CONTACTOR

**CUSTOMER
SATISFACTION**

**SUPERIOR
TECHNOLOGY**

**CONSISTENT
QUALITY**

**ENERGY
EFFICIENT
PRODUCTS**

WORLD CLASS MACHINERY

Tibrewala Electronics Limited (TEL) delivers best quality Capacitors. We invest in world class machinery which results in the best quality Capacitors. Some of the recent additions include:

- ❖ NEW Production Shop floor which is maintained in accordance with 5S Principles.
- ❖ Fully Automatic Assembly Line for Capacitors
- ❖ Addition of New Winding Machine
- ❖ Fully Automatic Welding Machine
- ❖ Improved Laser Marking on Capacitors
- ❖ Installation of New Metallizer
- ❖ Segmented Metallized Film for Production of Safety Capacitors

Some of the recent launched Capacitors are :

- ❖ Windmill Capacitor
 - ❖ Washing Machine Capacitor
 - ❖ Heavy Duty Power Factor Capacitor
- ISI Marking on Capacitors in accordance with latest Government Policy



NEW PRODUCTION SHOPFLOOR AT BALANAGAR UNIT



AUTOMATIC ASSEMBLY LINE

We have recently started Assembly of Capacitors on a Fully Automatic Assembly Line. This Assembly Line reduces Production and Quality Variability and the significantly reduces the Cycle Time thus enabling the Production of High Quality Capacitors at High Speed. We will be able to deliver Capacitors with Lower Lead times even during Peak Demand Periods as a result.



AUTOMATIC WINDING MACHINE



AUTOMATIC WELDING MACHINE

WE have recently installed a Fully Automatic Welding Machine that will enable the welding of the Capacitor winding with the lead wire at very high speed without damaging the windings during the welding process. This will result in much higher current with standing capability of Capacitors and will ensure high reliability of Capacitors produced by us.





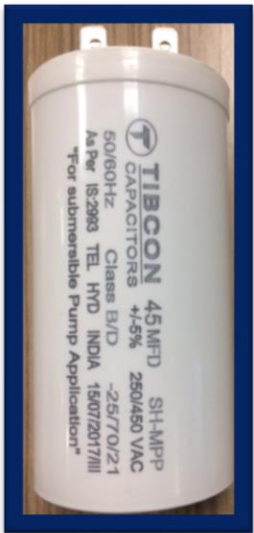
Laser Marking..... A Technological Advantage !!!

Laser Marking

Ink-Jet Marking

**SHARP AND PERMANENT
PRINT. NEVER FADES**

**PRINTING FADES OVER
PERIOD OF TIME**



NEW METALLIZING MACHINE

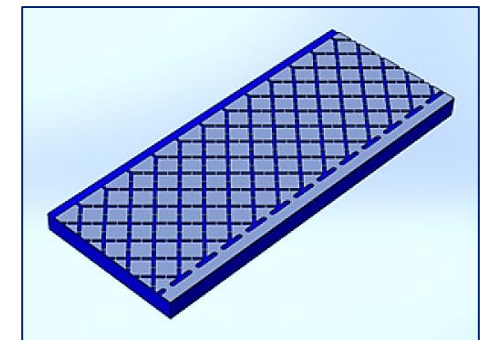
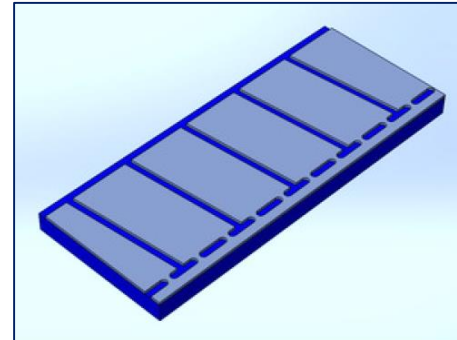
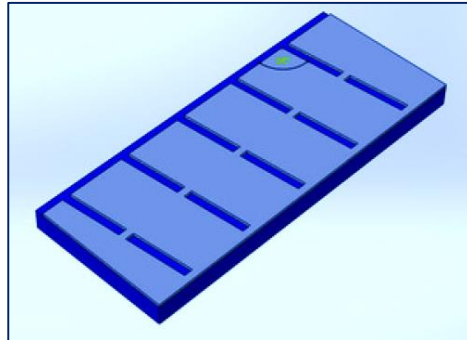
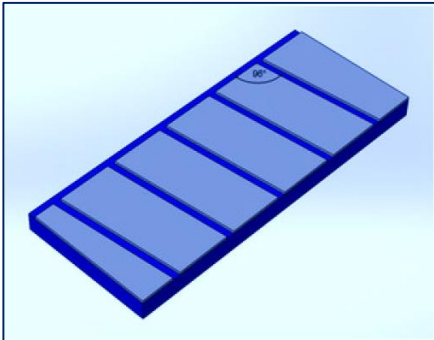
- SEGMENTED/PATTERN METALLIZATION
- HIGHER BREAKDOWN VOLTAGE OF METALLIZED FILMS
- PLASMA TREATMENT OF FILM TO IMPROVE ADHESION
- IN PROCESS CAMERA INSPECTION SYSTEM
- HIGH END WINDING TENSION CONTROL TECHNOLOGY



Segmented Metallized Film for Production of Safety Capacitors

Advantage of Segmented Film Capacitors

- ELIMINATES FAULTY AREAS FROM THE CURRENT FLOW PATH OF THE CAPACITOR
- BURSTING AND EXCESSIVE SELF-HEALING OF CAPACITORS ARE AVOIDED
- SIGNIFICANTLY IMPROVES CAPACITOR RELIABILITY
- ENABLES UL S3 MARKING ON PLASTIC CAN CAPACITORS



TIBCON'S NEW PRODUCTS

Wind Mill Capacitors

Range:

Voltage Range - 440V - 690V

Output

5KVAR to 25KVAR in single unit

Features:

- High Temperature Withstanding Capacity
- Self-healing Properties
- Explosion Proof Design
- Safe-Touch, Shock-Proof Terminals
- Longer Life Expectancy
- Eco-Friendly
- Very high overload capabilities and good thermal and mechanical properties



TIBCON'S NEW PRODUCTS

Washing Machine Capacitors

Range:

- 5.3+2.1 μ F to 12+6 μ F.
- Available in both PP & Aluminum Can in Two/Four Wires.

Application:

General sine wave Single Phase Motor Run Washing Machine

Features:

- Made with Self-Healing Metallised Film to ensure long life.
- Can operate with same efficiency at varied temperatures.
- Dual Capacitors for Semi-Automatic Washing Machine.
- Available in IS:2993. Also available in IEC 60252 with UL 94V2 PP Case



Heavy Duty Power Factor Capacitor

Range:

Voltage Range - 690V

Output

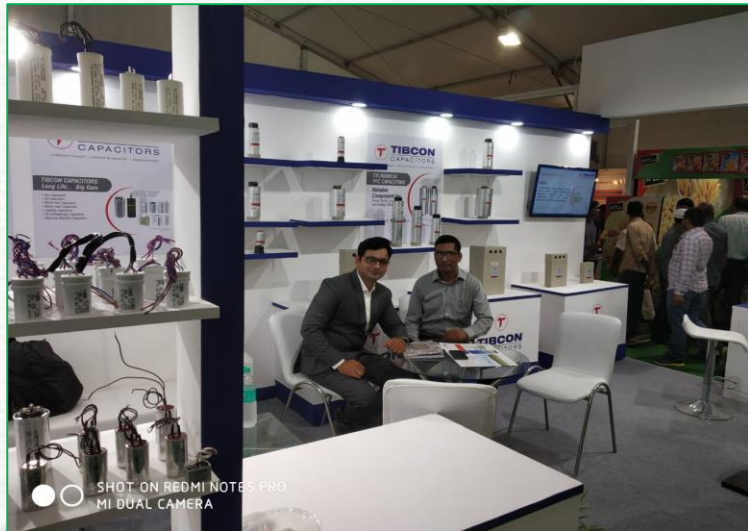
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- Longer Life Expectancy
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- Very high overload capabilities and good thermal and mechanical properties



Events



Krishi Darshan 2018



UL CERTIFIED PRODUCTS



ISI MARK PRODUCTS



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