



HALCAP CAPACITOR PRIVATE LIMITED

Manufacturer of AC Motor Run & Start Capacitors

ABOUT US

HALCAP Capacitor Pvt. Ltd. is well established Capacitor Manufacturing Company located at Khasra No. 391, Badkhal Pali Road, Village Bhankri, Faridabad (Haryana) in National Capital Region approx. 30 kms. from New Delhi. Here we are providing a huge range of Capacitors.

MESSAGE FROM THE DIRECTOR



MR. RASH BIHARI HALDER
MANAGING DIRECTOR

At Halcap Capacitor, we take immense pride in being a trusted leader in the capacitor industry. From our humble beginnings to our current position as a global player, our journey has been defined by our commitment to innovation, quality, and customer satisfaction.

Capacitors are the unsung heroes of modern electronics, powering advancements across industries – from renewable energy to telecommunications, automotive to industrial automation. We recognize the critical role our products play in shaping the future, and we are dedicated to pushing the boundaries of technology to deliver capacitors that meet the ever-evolving demands of our partners and customers.

Our focus has always been on delivering exceptional performance, reliability, and sustainability. Through robust research and development, state-of-the-art manufacturing facilities, and a talented team of professionals, we ensure that every Halcap capacitor meets the highest standards of quality.

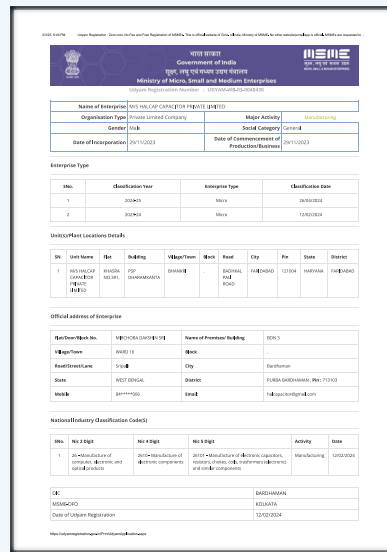
QUALIFICATION

- MTech in Electronics & Communication Engineering
- Phd in Electronics & Communication Engineering (Manufacturing of Capacitors).

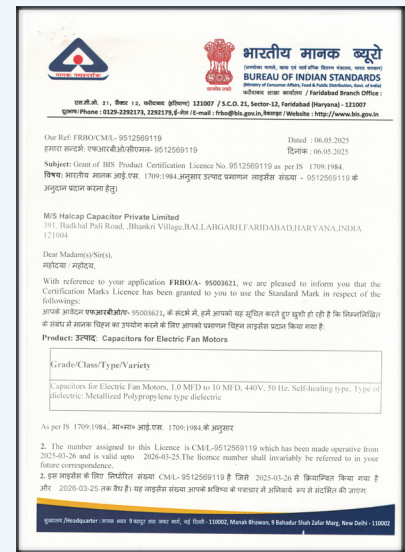
COMPANY CERTIFICATION



ISO Certificate



MSME Certificate



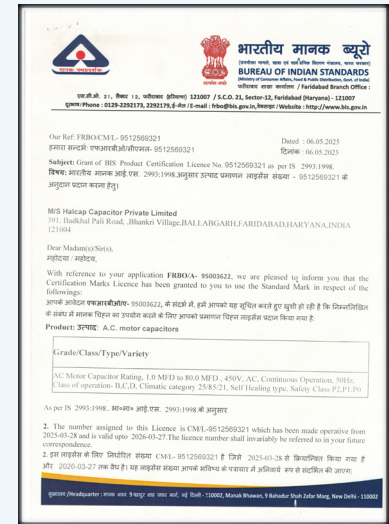
IS 1709 Certificate



CE Certificate



RoHS Certificate



IS 2993 Certificate

FAN CAPACITOR



FEATURES

- Made with self-healing Metallized Polypropylene Film.
- Effective Operation over a wide range of temperatures and humidity.
- Low energy consumption ($\tan \delta \leq 0.2\% @ 27^\circ\text{C}$)
- High Insulation resistance.
- Customized Capacitor manufacturing process to the requirement of fans

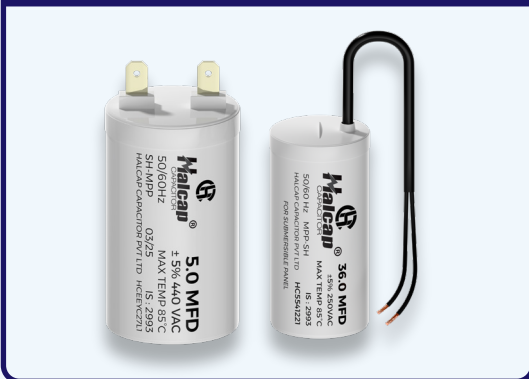
SPECIFICATION

- Dielectric: Metallized P.P. Film
- Impregnation: Polyurethane Resin
- Case Material: PP & Aluminium Can / PP Box
- Terminals: Flexible Wire / Pin Type
- Available Ratings: 1 μF to 10 μF in 440V.
- Standards: As per IS: 1709 & IS: 2993

APPLICATION

- Ceiling Fans, Table Fans, Pedestal Fans, Wall Fans, Exhaust Fans
- Air Coolers, Industrial Fans & Blowers etc.

MOTOR RUN CAPACITOR



FEATURES

- Made with self-healing Metallized Polypropylene Film.
- Effective Operation over a wide range of temperatures and humidity.
- Low energy consumption ($\tan \delta \leq 0.2\% @ 27^\circ\text{C}$)
- High Insulation resistance.
- Customized Capacitor manufacturing process to suit the requirement of Application

SPECIFICATION

- Dielectric: Metallized P.P. Film
- Impregnation: Polyurethane Resin
- Case Material: PP & Aluminium Can
- Terminals: Flexible Wire / Pin Type
- Available Ratings: 1 μF to 80 μF in 440V.
- Standards: As per IS: 2993

APPLICATION

- Single Phase Motors, Monoblock Pump Sets Industrial Blowers
- Submersible Pump Panels etc.

MOTOR START CAPACITOR



FEATURES

- Made with self-healing metallized film and high-quality indigenous materials for extended life
- Reliable operation across a wide range of temperatures and humidity
- Minimal dissipation factor ensures higher reliability
- Very low power loss enhances overall efficiency
- Custom-built manufacturing to suit specific application needs

SPECIFICATION

- Dielectric: Metallized Polypropylene (MPP) / Electrolyte
- Impregnation: Dry Polyurethane (PU) Resin
- Case Material: Plastic (PP) & Aluminium Can
- Terminals: Flexible Wire
- Available Ratings: 40/60 μ F to 250/300 μ F
- (Equivalent to 30 μ F to 135 μ F)

APPLICATION

- Submersible Pump Starter Panels
- Monoblock Pump Sets
- Refrigeration Units & Compressors

AIR CONDITIONER CAPACITOR



FEATURES

- Burst-proof design with metal top assembly
- Self-healing properties and low energy consumption
- Integrated over-pressure disconnection safety device
- Available in both single and dual capacitor configurations
- High insulation resistance for enhanced durability
- Custom-built to meet specific air conditioning and refrigeration requirements

SPECIFICATION

- Dielectric: Metallized P.P. Film
- Impregnation: Polyurethane Resin
- Case Material: Aluminium Can
- Terminals: 2+4, 2+3+4 Pin Type
- Available Ratings:
 - Single Capacitor: 20 MFD To 80 MFD
 - Dual Capacitor: 20+(2/4/6) μ F to 80+(2/4/6) MFD
- Standards: As per IS: 2993

APPLICATION

- Air Conditioners
- Compressor Motor
- Indoor Blower Motor Ac
- Outdoor Fan Motor Ac

WASHING MACHINE CAPACITOR



FEATURES

- Self-healing properties
- Low dissipation factor
- High insulation resistance
- Low ESR Value
- Resistance to Vibration
- Long Life

SPECIFICATION

- Dielectric: Metallized P.P. Film
- Impregnation: Dry PU Resin
- Case Material: Polypropylene (PP)
- Terminals: Flexible Wire / Pin Type
- Available Ratings: 6.0+4.0 μ F to 14.0+6.0 μ F
- Standards: As per IS: IEC 60252 / IS 2993

APPLICATION

- Motor run capacitor
- Washing Machine
- For Inverter input/output harmonic filtering & as motor run capacitor for washer

LIGHTING CAPACITOR



FEATURES

- Excellent Self Healing Properties
- Low ESR Value
- Stable & Uniform Capacitance
- Resistance to Vibration
- Long-Lasting Life
- High Insulation Resistance

SPECIFICATION

- Dielectric: Metallized P.P. Film
- Impregnation: Polyurethane Resin
- Case Material: PP & Aluminium Can
- Terminals: Flexible Wire or Faston TT
- Available Ratings: 8.0 μ F to 42.0 μ F
- Standards: As per IS: 1569

APPLICATION

- Lighting Industry
- Mainly for Street Lights
- Light Duty Pulse

POWER CAPACITOR



FEATURES

- Self-healing property
- Long life expectancy with multi-heavy metallized PP film
- Low power loss ($\tan\delta \leq 0.2\% @ 27^\circ\text{C}$)
- Easy wall mounting
- Long life, maintenance-free
- High inrush current handling

SPECIFICATION

- Dielectric: Electronic grade polypropylene
- Element: MPP film (CNC wound)
- Impregnation: Soft polyurethane resin
- Case: Aluminium Cylinder / MS Box
- Terminals: Three wire / Screw
- Range: 1.0 KVAR to 25.0 KVAR ($\pm 5\%$, $\pm 10\%$)
- Voltage: 380V–690V AC, 3Ph, 50Hz
- Standard: IS13340 Part I & II: 2012

APPLICATION

- Power factor correction in industries & machinery
- Motor compensation, capacitor banks
- Suitable for fixed & automatic PFC systems

MS BOX TYPE CAPACITOR



FEATURES

- Excellent self-healing MPP film
- Stable & Uniform Capacitance
- Long-lasting, low loss ($\tan\delta < 5 \times 10^{-3} @ 27^\circ\text{C}, 1\text{kHz}$)
- High insulation resistance for enhanced durability
- Long life expectancy with multi-heavy metallized PP film

SPECIFICATION

- Dielectric: Fine grade M.P.P
- Element: MPP Film (CNC wound)
- Impregnation: Soft Polyurethane Resin
- Case: Powder Coated MS Box
- Terminals: Tin-Plated Nut Bolt Screw Type
- Voltage: 440V AC, 50Hz
- Range: 72 μF to 288 μF
- Standards: As per IS: 2993

APPLICATION

- Motor Industry
- Induction Motors

WINDING MACHINE
FOR ALUMINUM CAPACITOR
MODEL: H-1000
SERIAL NO: 1000
HARYANA
INDIA 121004
H.C. ENGINEERING CO. LTD
80-8-88-888



Malcap[®]
CAPACITOR

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