



**Run & Start Capacitors**



**NEWTON ELECTRONICS**  
*The Quality Revolution*

## INTRODUCTION

## NEWTON ELECTRONICS

Newton Electronics has been in the field of AC motor start capacitors & motor run capacitors from last fifteen years, Established in the year of 1999 at Gandhinagar India. Company's most Innovative Technologies, Advanced Processes and Manufacturing line, top commitment towards quality and reliability, world's best selection of raw materials, most economic operations leads to outstanding price per performance. Today Newton Electronics is equipped with the state-of-the-art fully automatic plant, machinery and testing equipments.

Newton Electronics is offering a complete line of Motor start, Motor Run capacitors, Newcap Capacitors includes technical specification, product description, performance characteristics, and application guidelines which aids to choosing the right capacitor to meet your Requirements. Newton Electronics offering a brands of superior quality i.e. Newcap capacitor.

Newcap AC motor start capacitors are manufactured by using etched and formed superior purity aluminum foils, separating anode and cathode by tissue paper to hold enough electorarte and absorbent.

Newcap AC Run capacitors are manufactured by using ZAMPP film winded by fully automatic machine. coil is impregmented with chemicals to hold enough electrolyte. The flexible termination of suitable length is taken out as per Requirements.

Our production is carried out by trained, experienced and desiccated staff that consists of qualified professionals and other skilled and semi – skilled staff. All these people are trained on continuous basis to ensure the quality and timely delivery of the products. Our production unit is equipped with the world's best selected latest fully automatic capacitor machineries.

### OUR MISSION

With quality products and efficient services, we want to win faith and trust of customer.

### OUR VISION

To serve world wide with our services.

### OUR QUALITY

### AN ISO 9001 : 2008 CERTIFIED COMPANY

Newton Electronics has acquired ISO- 9001 : 2008 Certification from TUV Rheinland (India) Pvt. Ltd. (Certificate No. 85 100 001 13133). Based on an internationally agreed standard , which sets out the criteria for a world class “ QUALITY MANAGEMENT SYSTEM” which is independently verified and accredited by “NABCB – QM 010”.

Newton Electronics Supply highest quality products ensuring on-time delivery to the entire satisfaction of our customers. Continual efforts to make cost-effective quality products. Continuous improvement in manufacturing process by implementing quality management systems. Achieve quality by in-built system rather than by inspection. Business growth by meeting customer expectations.

- Manufactured by 100% imported material.
- Compact size and Compact Design.
- Manufactured by using ZAMPP film.  
Which ensures better bonding between the electrode and end spray.
- Manufactured under strict quality control in controlled environmental conditions.
- Compact size and light weight.
- Manufactured by using itched & formed.
- Alluminium foil which ensures batter result in Capacitors Manufactured under strict quality control in controlled environmental conditions.



1<sup>ST</sup> Time in India, All Ranges with ISI Mark.



9001:2008 Certified Company...

**NEWCAP**<sup>®</sup>

Run & Start Capacitors



## REGULAR APPLICATION RUN CAPACITOR

Sr. No.	Value in Mfd.	Volt	Pp can (mm) Dia x Hieght	Packing per Box
1	2.5	440	27 x 52	50
2	3.15	440	27 x 52	50
3	4	440	27 x 52	50
4	4	440	35 x 65	50
5	6	440	27 x 52	50
6	6	440	35 x 65	50
7	8	440	35 x 65	50
8	10	440	35 x 65	50
9	12.5	440	40 x 75	50
10	15	440	40 x 75	50
11	20	440	40 x 75	50
12	20	440	40 x 100	25
13	25	440	40 x 75	50
14	25	440	40 x 100	25
15	30	440	40 x 100	25
16	36	440	40 x 100	25
17	36	440	45 x 100	25
18	40	440	40 x 100	25
19	40	440	45 x 100	25
20	45	440	40 x 100	25
21	45	440	45 x 100	25
22	50	440	40 x 100	25
23	50	440	45 x 100	25
24	60	440	45 x 100	25
25	72	440	45 x 100	25
26	80	440	50 x 120	25
27	100	440	50 x 120	25

### Silent Features

- Compact design for easier handling.
- Available in PVC Can.
- Terminal type capacitor also available as on request .

### Applications

- Widely used in control panel
- Electric Motors
- Compressor
- Refrigerators
- Air Conditioner
- Big Industrial motors for special requirements
- Washing Machines
- Pumps
- UPS

### Quality

- Manufactured by 100% imported material.
- Compact size and Compact Design.
- Manufactured by using ZAMPP film.
- Manufactured under strict quality control in controlled environmental conditions.



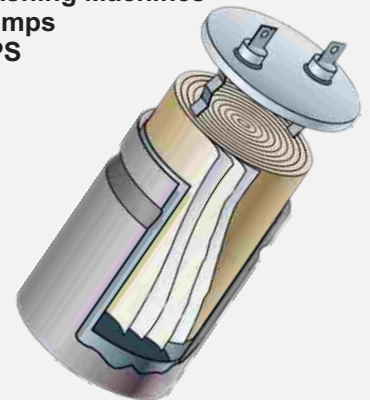
## HEAVY DUTY APPLICATION RUN CAPACITOR

Sr. No.	Value in Mfd.	Volt	Pp can (mm) Dia x Height	Packing per Box
1	10	440	40 x 75	50
2	15	440	40 x 75	50
3	20	440	40 x 75	50
4	20	440	40 x 100	25
5	25	440	40 x 75	50
6	25	440	40 x 100	25
7	30	440	40 x 100	25
8	36	440	45 x 100	25
9	36	440	45 x 100	25
10	40	440	45 x 100	25
11	45	440	45 x 100	25
12	50	440	45 x 100	25
13	50	440	50 x 120	25
14	60	440	50 x 120	25
15	72	440	50 x 120	25



### Applications

- Widely used in control panel
- Electric Motors
- Compressor
- Refrigerators
- Air Conditioner
- Big Industrial motors for special requirements
- Washing Machines
- Pumps
- UPS



## MOTOR START CAPACITOR

Sr. No.	Value in Mfd.	Alluminum can(mm) Dia x Height	Packing Per Box
1	40 x 60	40 x 100	25
2	60 x 80	40 x 100	25
3	80 x 100	40 x 106	25
4	100 x 120	40 x 106	25
5	120 x 150	40 x 106	25
6	120 x 150	45 x 130	25
7	150 x 200	45 x 130	25
8	200 x 250	45 x 130	25

### Silent Features

- Available in Single can & Double can as require.
- Compact design for easier handling.
- Heavy Duty applications.

### Quality

- Manufactured by 100% imported material.
- Compact size and light weight.
- Manufactured by using itched & formed Alluminium foil which ensures batter result in Capacitors.
- Manufactured under strict quality control in controlled environmental conditions.





## Technical Specification & Newcap Start Capacitors

Capacitor Range	:	40 / 60 Mfd To 250 / 300 Mfd (As Per requirement)
Working Voltage --	:	230 Volt.
Surge Voltage	:	275 Volt.
Foil Voltage	:	300/350Volt ( As Require)
Frequency	:	50 To 60 Hz.
Capacitance Tolerance	:	*/-10 %.
Insulation Resistance	:	More than 2500 Megaohm.
Temperature Limit	:	20 °C To + 85 °C.
Manufactured	:	As per - IS - 2993.
-	:	

## Technical Specification & Newcap Run Capacitors

Capacitance Range	:	2.5 Mfd To 108 Mfd
Surge Voltage	:	440 Volt A.C.
Frequency	:	50 to 60 Hz.
Capacitance Tolerance	:	+/- 5 %,
Capacitance Stability	:	+/-1 %
Dissipation Factor	:	0.002 to 0.1 %
Test Voltage	:	440/600 Volt A.C.
Temp. Limit	:	- 25 °C to +85 °C.
Manufactured	:	As per - IS - 2993 & IS 1709.

## Our Major Client



↓  
QUALITY

↓  
DEVELOPMENT

↓  
NEWCAP

↓  
SUCCESS



Since 1999

1<sup>ST</sup>

Time in India,  
All Ranges with  
ISI Mark.

®  
**NEWCAP**

Run & Start Capacitors





...CERTIFIED...

## Manufacturer of All Ranges of Motor Run & Start Capacitors



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