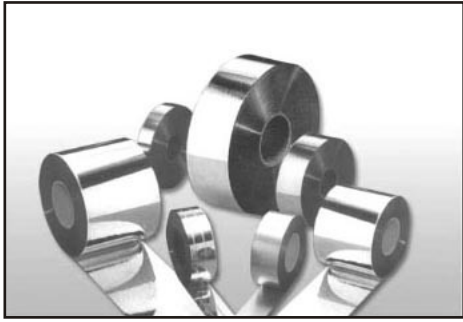


# Jimcap Electronics Pvt. Ltd.

## Product Range

### Metalised Polypropylene Film



#### Types Available

- A. Aluminium
  - B. Bi layer(Zn & Aluminium)
  - C. Tri layer(Silver, Zn & Aluminium)
- Conventional type and Slope / Taper / Ramp Metallization.

RoHS approved Metalised Polypropylene Film is also available with all types of Metallization.

### MPP Capacitors for Fans



Capacitors for fans	1 mfd to 4 mfd
Capacitance Tolerance	$\pm 5\%$
Rated Voltage	Upto 600 VAC
Test Voltage	
A) Between Terminals	2.0 times of Rated Voltage
B) Between Body and Terminals	2000 VAC for 1 Minute Minimum
Temperature Range	- 40 to 85
Endurance Test	300 Hrs at 1.35 times rated voltage at 85C
Confirms to	IS:2993 and Is: 1709 EN/IEC: 60252-1 Ed. 1.0

Capacitors in Burst proof designs are also available

## Capacitors For Motors



<b>Capacitors for Motor Run</b>	<b>Upto 144 mfd</b>
<b>Capacitance Tolerance</b>	<b>± 5%</b>
<b>Rated Voltage</b>	<b>Upto 600 VAC</b>
<b>Test Voltage</b>	
<b>A) Between Terminals</b>	<b>2.0 times of Rated Voltage</b>
<b>B) Between Body and Terminals</b>	<b>2000 VAC for 1 Minute Minimum</b>
<b>Temperature Range</b>	<b>- 40 to 85</b>
<b>Endurance Test</b>	<b>300 Hrs at 1.35 times rated voltage at 85C</b>
<b>Confirms to</b>	<b>IS:2993 and Is: 1709 EN/IEC: 60252-1 Ed. 1.0</b>

Capacitors in burst proof designs and dual type Capacitors for washing M/c are also available.

## Capacitors For Lighting Fixtures



<b>Capacitors for Lighting Fixtures</b>	<b>2 mfd to 100 mfd</b>
<b>Capacitance Tolerance</b>	<b>± 5%</b>
<b>Rated Voltage</b>	<b>Upto 500 VAC</b>
<b>Test Voltage</b>	
<b>A) Between Terminals</b>	<b>2.0 times of Rated Voltage</b>
<b>B) Between Body and Terminals</b>	<b>2000 VAC for 1 Minute Minimum</b>
<b>Temperature Range</b>	<b>- 40 to 85</b>
<b>Endurance Test</b>	<b>300 Hrs at 1.35 times rated voltage at 85C</b>
<b>Confirms to</b>	<b>EN/IEC: 61048 &amp; IS:1569</b>

## Electrolytic Capacitors (Motor Start)



<b>Capacitors for Motor Start</b>	<b>40/60 mfd to 200/250 mfd</b>
<b>Capacitance Tolerance</b>	<b>± 5%</b>
<b>Rated Voltage</b>	<b>230 VAC</b>
<b>Surge Voltage</b>	<b>275 VAC</b>
<b>Test Voltage</b>	
<b>A) Between Terminals</b>	<b>2.0 times of Rated Voltage</b>
<b>B) Between Body and Terminals</b>	<b>2000 VAC for 1 Minute Minimum</b>
<b>Temperature Range</b>	<b>- 40 to 85</b>
<b>Endurance Test</b>	<b>For 5 minutes at Rated Voltage</b>
<b>Confirms to</b>	<b>IS:2993 EN/IEC: 60252-2 Ed. 1.0</b>

## L. T. Power Factor Improvement (Shunt Capacitors)



Rating	1 KVAR to 25 KVAR
Capacitance Tolerance	$\pm 10\%$
Rated Voltage	Upto 500 VAC
Test Voltage	
A) Between Terminals	2.15 times of Rated Voltage
B) Between Body and Terminals	300 VAC at 50Hz for 1 Minute Minimum
Temperature Range	50
Endurance Test	48 Hrs at 1.44 times rated voltage at 50
Confirms to	EN/IEC: 60831- 1 & Ed.2.1/ IS:13340

Rating above 25 KVAR can also be constructed through banking.

### Technical Data -

Standards	Confirms to: EN/IEC 60831-1 Consol Ed 2.1/IS 13340
Rated Voltage	Up to 500 VAC(other voltages on request)
Rated Frequency	50 Hz.(other frequency on request)
No. Of Phases	3(single phase on request)
Connection	Delta
Permissible Over Load	Maximum permissible current : 1.2 times of rated Current Maximum permissible Voltage : 1.10 times of rated Voltage
Ambient Temperature	-10 to +50
Total Losses	0.5 wats/KVAR without resistar
Tan delta	0.20 % max

# L. T. Power Factor Improvement (Shunt Capacitors)



## Types/Designs Available

Sr. No.	Types/Designs	Range
01	Double Dielectric	5 to 25 KVAR
02	Modular	5 to 25 KVAR
03	Industrial	
A	Oil Filled	1 to 25 KVAR
B	Cylindrical with terminal type	1 to 25 KVAR
C	Cylindrical with wire type	1 to 25 KVAR
D	Square(Dry)	1 to 25 KVAR
04	Agriculture	
A	Round	1 to 6 KVAR
B	Square	1 to 6 KVAR

Burst proof designs in industrial(Cylindrical with terminal tops) on customers request can also be made available.