



11-400 kV Polymeric Insulators

- Light weight (65-80% less than ceramic insulator)
- Silicon rubber sheds provide perfect hydrophobic performance, good resistance to ageing, tracking and erosion
- Stable behaviour at extreme climatic conditions
- Long term surface hydrophobicity
- Suitable for polluted environment, salty atmospheres etc.
- Resistance to breakage and vandalism, practically unbreakable
- Superior anti-tracking properties
- High mechanical strength
- Ease of installation (easier handling with lighter equipment and labour at the job site)
- Resistance to Seismic Shock
- Compliance with IEC 61109, ANS C29-11-1989

40Years of
Experience**35**Countries
Global
Presence**200**Plus Skilled
Manpower**4**World Class
Manufacturing
Facilities**50**Internationally
Approved
Products

Yamuna Power & Infrastructure Composite Silicon Rubber Insulators conforming to International Specifications and standards. In the early days Insulators were made of ceramic and glass material only. But in late 1960's polymeric Insulators were developed and its improvements in design and manufacturing in the recent years have made them attractive to power utilities.

The usage of composite insulators demonstrating their capabilities in diverse environments and now the usage is growing to prevent line flash-over triggered by pollution.

With advanced technology, superior & reliable equipment and strict quality control our company comes out as one of a quality manufacturer for composite silicone rubber insulators. The composite silicon rubber insulators offer significant benefits such as better contamination performance, lighter weight, and seismic resistance.

Technical Particulars of Composite Insulators

Nominal System Voltage kV	Sectional Length in mm	Specified Mechanical in KN (min.)	Creepage Distance in mm	P. F. (Dry) Withstand Voltage kV/mint	P. F. (Wet) Withstand Voltage kV/mint	Impulse Withstand VoltageKVP	Types of Metal Fitting
11	260	5	320	65	40	80	PIN
11-15	290	45	320	65	40	80	T&C/B&C
11-15	320	70-90	320	65	40	80	T&C/B&C
22-25	430	70-90	770	105	60	150	T&C/B&C
33	375	10	980	120	90	210	PIN
33-36	540	70-90	1005	125	90	230	T&C/B&C
66 Sus.	774	70-90	2030	200	140	350	B & S
66 Tens.	884	120	2441	200	140	350	B & S
132 Sus.	1344	70-90	4495	350	275	650	B & S
132 Tens.	1536	120	5016	350	275	650	B & S
220 Sus.	2119	70-90	7595	630	540	1050	B & S
220 Tens.	2256	120	7975	630	540	1050	B & S
400 Sus.	3335	120	13020	750	700	1550	B & S
400 Tens.	3910	160	14500	750	700	1550	B & S

Note : Insulator with different type of metal fitting can be manufactured as per requirement.

