



CYG Insulator Co., Ltd.(CYG Insulator), the leading composite insulator manufacturer in china, a controlled subsidiary of Changyuan Technology Group Ltd.(SH: 600525), established in 1994 ,is an national hi-tech enterprise specially engaged in the research &design, manufacture and sales of composite insulators for transmission line(TL), substation(SS), distribution line(DL), electrical railway(Rail) and composite insulation components(CIC).

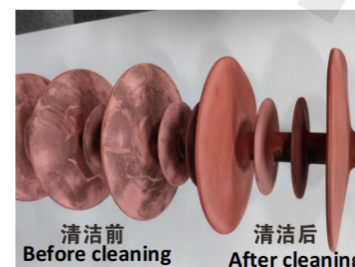
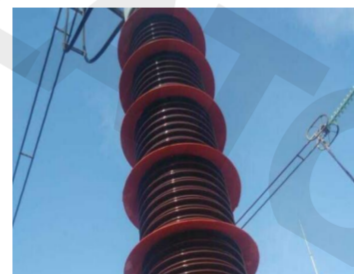
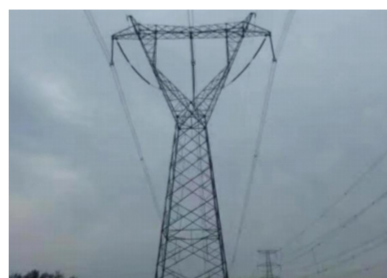
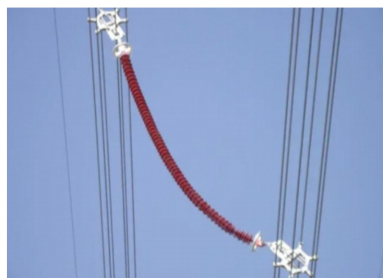
CYG Insulator has the capacity and ability of researching, manufacturing and inspection in the composite functional insulator and insulation field, The usage scenarios and functions involve various aspects of composite insulation, including AC composite phase-to-phase spacer, AC collision and wind deflection provision insulator sets, AC wind deflection composite insulators, DC ice melting composite insulators, anti pollution flashover auxiliary umbrella skirts, insulation bird covers, silicone rubber cleaning solution, and mixed silicone rubber.

Now CYG Insulator has been one of the biggest famous insulation function series' company in manufacturing technology, production capacity, product quality and market shares. And his products have recognized and praised by various consumers worldwide.

INSULATION OPERATION EXAMPLE



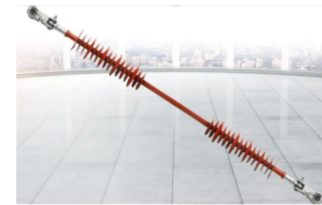
COMPOSITE FUNCTIONAL INSULATOR



CATAGLOGUES FOR COMPOSITE FUNCTIONAL INSULATOR

AC composite phase-to-phase spacer

SN	Voltage (kV)	STL(kN)	Minimum Leakage Distance (mm)	Dry Lightning impulse withstand voltage(KV)
1	500	100	23000	2550
2	220	100	11000	1675
3	110	100	5500	650



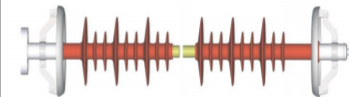
AC collision and wind deflection provision insulator sets

SN	Voltage (kV)	Impact toughness value(kN)	Minimum Leakage Distance (mm)	Dry Lightning impulse withstand voltage(KV)
1	500	10	46000	2550
2	220	10	14000	1150
3	110	10	11000	550



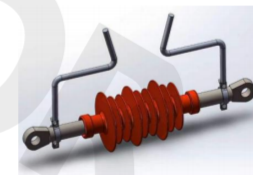
AC wind deflection composite insulators

SN	Voltage (kV)	SCL (kN)	STL (kN)	Minimum Leakage Distance (mm)	Dry Lightning impulse withstand voltage(KV)
1	500	2~4	100~160	14000	2250
2	220	0.8~1.5	70~100	5040	1150
3	110	0.4~1.5	70~100	3150	550



DC ice melting composite insulators

SN	Voltage (kV)	STL (kN)	Discharge gap (mm)	Minimum Leakage Distance (mm)	Dry Lightning impulse withstand voltage(KV)
1	±25	70~160	100~140	1270	160
2	±15	0.8~1.5	50~100	490	95
2	±10	0.4~1.5	50~100	330	95



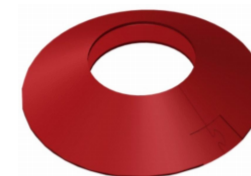
Remark:

- 1) All the designs are in accordance with the ANSI/IEC relative standards and can also be customized as per actual request.
- 2) The other type of end fittings are also available if needed.

CATAGLOGUES FOR COMPOSITE FUNCTIONAL INSULATOR

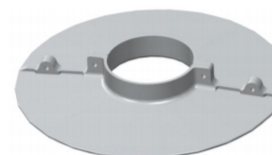
Anti pollution flashover auxiliary umbrella skirts

SN	Inner Diameter(mm)	Outer Diameter(mm)
1	200	450
2	350	600



Insulation bird covers

SN	Diameter	Flammability	Breaking strength(Mpa)	Volume resistivity(Ω .cm)	Punctured field(kV/mm)
1	450	FV-0	30.3	1.0×10^{14}	20



Silicone rubber cleaning solvent

SN	Appearance	Density	Cleaning effect	Corrosion	Application scenarios
1	Transparent and free of impurities	1.38	95%	No	Insulate equipment surfaces, silicone rubber surfaces



Silicon Rubber

SN	Use	Tensile Strength (Mpa)	Elongation (%)	Flammability	Resistance to leakage and electrical erosion
1	Composite Insulator	4	200	FV-0	TMA 4.5/TMA 6.0
2	Hollow Insulator	5	300	FV-0	TMA 4.5
2	Arrester	4.5	200	FV-0	TMA 4.5



Remark:

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- 2) The other type of products are also available if needed.