

## COMPOSITE STATION POSTS

HTV Silicone Rubber, Generation III

Modular System

**VOLTAGE CLASS:** 1 – 550 kV (>550kV in parallel arrangements)

**PRODUCT STANDARDS:** IEC 62231, ANSI C29.19, ANSI C29.9 TR

**EXPERIENCE:** 40 year



### MAIN ADVANTAGES:

- Superior Pollution Performance (Hydrophobicity Transfer Mechanism)
- Earthquake Resistant
- Vandalism Proof
- Able to withstand extreme dynamic and impact loads
- Light Weight: Easy Transport, Handling, Installation
- Flexible in Design (Modular System)
- Proven since more than 40 years

### REFERENCES:

- 123 kV ABB (WAPDA, Pakistan)
- 123 kV SAG Germany (German utilities)
- 145 kV ABB U.K.
- 123 kV RWE Germany
- 123 kV ELES Slovenia

### DESIGNS:

Core Ø [mm]	Core Ø [inch]	Pollution Classes* [SCD, IEC 60815]	Maximum Cantilever Moment** [kN m]	Um*** [kV]
36.8	1.45	12-31 mm/kV	10	36
45.0	1.75	12-31 mm/kV	15	72.5
63.5	2.5	12-31 mm/kV	20	170
76.2	3.0	12-31 mm/kV	30	245
88.9	3.5	12-31 mm/kV	40	362
101.6	4.0	12-31 mm/kV	50	550

\* higher specific creepage distance available, e.g. 40 mm/kV

\*\* for SCL (Specified Cantilever Load)

\*\*\* typical max. system voltage for single unit arrangement

### END FITTINGS:

- DIN 120 mm Flange
- IEC Bolt Circle Ø 127 mm Flange
- IEC Bolt Circle Ø 200, 225, 254, 275, 300, 325, 356 mm Flange
- ANSI Bolt Circle Ø 76, 127, 178 mm
- Special Fittings: clamptop/ tongue, clevis / 2-hole blade