

# RODURFLEX

## 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 years

### 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)
- Technology 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

Shank Ø		Pollution Classes*	Maximum Cantilever Moment**	Um***
[mm]	[inch]	[SCD, IEC 60815]	[kN m]	[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
130	5.12	12 – 31 mm / kV	>50	550
170	6.69	12 – 31 mm / kV	>50	550

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

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

\*\* for SCL (Specified Cantilever Load)



### 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

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