

Composite Hollow-Core Insulator



- **Technology:** LSR Silicone Rubber Injection Moulding for tube $\varnothing > 80$ mm
- **Voltage Class:** 1 – 800 kV
- **Product Standards:** EC 61462 (2007)
- **Experience:** 15 years

Main advantages

- Enables new apparatus designs
- Enhanced safety (explosion proof)
- Superior pollution performance (hydrophobic transfer mechanism)
- Earthquake resistant
- Vandalism proof
- Fail-safe
- Able to withstand extreme dynamic and impact loads
- Light weight: easy transport, handling, installation
- Short lead-time
- Technology proven since more than 15 years

References

- 123 kV VT / CT, Pfiffner, Switzerland
- 245 kV VT / CT, Ritz, Germany
- 245 – 800 kV Bushings, HSP, Germany
- 15 – 420 kV Surge Arrestor Housings, Siemens, Germany
- 245, 420 kV Surge Arrestor and Bushing Housings, ABB, Sweden
- 24 – 245 kV Fibre Optical Bushings, Alcatel, Draka Comteq, Germany



Designs

Inner tube Diameter	Outer tube Diameter
[mm]	[mm]
80	90
120	132
150	172
160	172
198	207
190	212
200	212
220	230
248	257

Inner tube Diameter	Outer tube Diameter
[mm]	[mm]
240	262
250	262
290	312
300	312
340	362
350	362
486	510
496	510
560	584

End Fittings

- Flange A: Standard Strength
- Flange B: High Strength
- Flange C: Ultra-High Strength

Special customer end fittings are also available, customer supplied fittings can be assembled