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**HIGH**  
**VOLT**  
Test with the best.

Data Sheet 7.84/1

## Inflatable HV Shielding Electrode, Type DTE 400 A

### Application

For shielding and connections of the HV components of test circuits, suitable electrodes should be applied, especially if the tests are combined with partial discharge (PD) measurement. For on-site test systems the inflatable HV shielding electrode was developed to reduce weight and volume. Thus, the mounting works on site become easier and the required storage space becomes smaller.

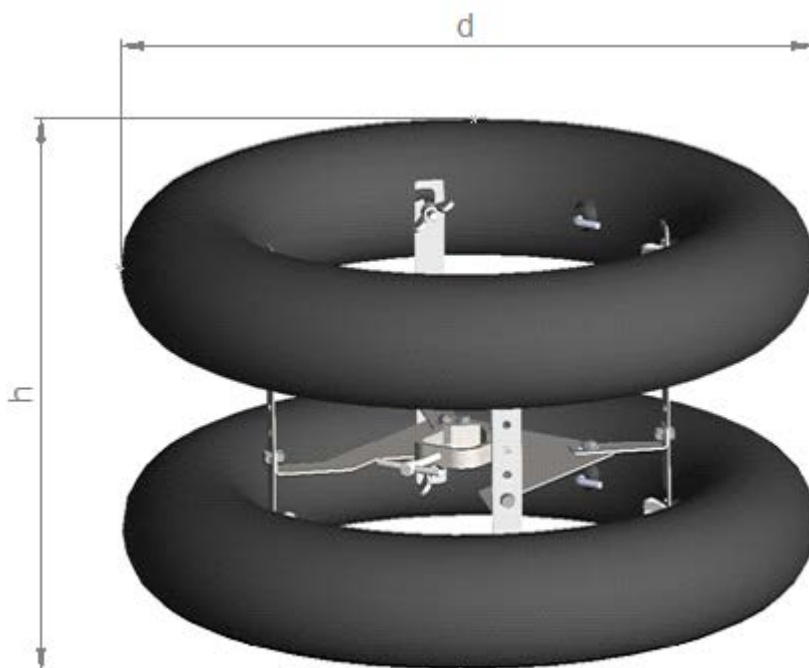


Figure 1: Double toroid inflatable HV shielding electrode

## Design

The inflatable HV shielding electrode is made of a special rubber mix. For HIGHVOLT on-site test systems two electrodes and one framework are combined to a double toroid, see Figure 1. The fixation structure within the framework can be mounted in different positions between the electrodes, for optimum adaptation to the test setup.

## Technical Data

The values are given for standard atmospheric conditions according to IEC 60060-1 for indoor applications at altitudes up to 1000 m. For altitudes above 1000 m the equivalent voltage should be calculated according to IEC 60060-1.

Table 1: Main parameters

Type	Rated voltage	Dimensions (approx.)		Weight (approx.)
		Diameter (d)	Height (h)	
	kV	mm	mm	kg
DTE 400 A	400	920	540	10