

## Information about ATEX conformity

The ATEX guideline cannot be applied to flexible hoses directly because they are not equipment or protective system as defined by the guideline but a compound without an autonomous function that has to fulfill certain specifications. However, hoses produced by Schauenburg Ruhrkunststoff GmbH can be used according to the ATEX guideline under certain conditions.

### Equipment categories of Group II according to Guideline 2014/34/EU (ATEX):

- Category 1: explosive atmospheres are present continuously
- Category 2: explosive atmospheres are likely to occur
- Category 3: explosive atmospheres are unlikely to occur and if they occur, do so for a short period of time

The ATEX guideline for prevention of electrostatic charge and potentially resulting ignitable discharges recommends the use of electrically conductive compounds as the most important protective system for all categories. Furthermore, all conductive parts that could be dangerously charged have to be connected and grounded.

The following hoses of Schauenburg Ruhrkunststoff GmbH fulfill the requirements of ATEX guideline. The grounding required by the guideline is done by exposing of reinforcing wire and connecting it to the earth.

- P7 OLPU EL
- P7 MPU EL
- P1 NPU EL
- P3 PU EL
- P2 PE EL

We, as hose manufacturer, can only judge conditionally whether and in what form electrostatic charges occur. The employing company (together with their safety officer) judge this usually based on daily handling of the respective equipment and machines. The choice of the hose system to use should be therefore done by this party.