



## Industrie Plastiche Lombarde S.p.A.

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**BAT**

**INDUSTRIAL PRODUCTS**

## Eolo PU Food Antistatico [EU 02]

### Electrical properties.

The above-mentioned hoses are manufactured with electrically insulating thermoplastic materials and an electrically-conductive steel spiral.

Electrical continuity can be provided only between the free ends of the steel spiral (*continuous electrically bonded hose*).

In some case the free ends of the steel spiral must be pulled out from plastic wall and steel jacket before the electrical connection.

The electrical resistance along the wire, measured between the free ends of the spiral, is  $< 10^2$  Ohm/meter, measured according to ISO 8031.

Regular continuity checks and visual inspections should be carried out to prevent the bonding component from becoming electrically isolated.

In some types of application or specific requirements the electrically bonding alone is not sufficient to prevent hazardous or damaging voltages occurring on the hose.

We want to call your attention to the fact that the final user is responsible to check the technological suitability of the hose referred to the purpose for which is assigned.

**LAB IPL**

**Ing. Rossella Rainoldi**  
*Product Development Manager*