



Ruhrkunststoff

Manufacturer's declaration of suitability for electrostatic discharge in accordance with TRGS 727

PAS FOOD, PTFE EL CL and EL series

Evaluation of electrostatic properties for use in potentially explosive atmospheres

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This document hereby declares the evaluation of the spiral hoses of the PAS FOOD, PTFE EL CL and EL series with regard to their electrostatic properties when used in potentially explosive atmospheres.

scope

This manufacturer's declaration is based on the requirements of TRGS 727 – prevention of ignition hazards due to electrostatic charges and taking into account the explosion protection requirements according to Directive 2014/34/EU (ATEX).

The spiral hoses mentioned do not constitute devices or protective systems within the meaning of Directive 2014/34/EU (ATEX Product Directive) and are therefore not subject to the obligation to issue an EU declaration of conformity.

Electrical properties

The hoses in the PAS FOOD and PTFE EL CL series are dissipative. The hoses in the EL series are conductive.

When used as intended, professionally installed, with conductive connection of all metallic components and standard-compliant grounding, these hoses can meet the requirements of TRGS 727 regarding the avoidance of dangerous electrostatic charges.

Areas of application

hose type	Pneumatic transport of combustible dusts (Zone 20, 21, 22 inside)	Aspiration (No zone or zone 22 inside)	Conveying flammable liquids (Indoors: Zone 0, 1 and 2)	Conveying non-flammable liquids	Deployment in Zones 1 and 2	Deployment in Zone 0
P 2 PU PAS Food	X	✓	X	✓	✓	X
P3 PU EL	✓*	✓	✓	✓	✓	✓*
P 7 L PU PAS Food	✓*	✓	✓	✓	✓	✓*
P 2 PE EL	✓*	✓	✓	✓	✓	✓*
P 7 L PU EL	✓*	✓	✓	✓	✓	✓*
P 7 M PU PAS Food	✓*	✓	✓	✓	✓	✓*
P 1 N PU EL	X	✓	X	✓	✓	X
P7MPU-EL	✓*	✓	✓	✓	✓	✓*
PTFE EL CL	X	✓	X	X	✓	✓*
P2 HL	X	✓	X	✓	✓	X

* Use only after a plant-specific explosion protection assessment by a qualified person

Instructions for use in potentially explosive atmospheres

Suitability for use in potentially explosive atmospheres (e.g.B. Zone 0, 1, 2, 20, 21, 22) is always dependent on the medium, installation, grounding, hose dimensions, and process parameters. A blanket approval—in particular für Zone 0—can exclude this. This will be done as part of the overall assessment of the facility.

This manufacturer's declaration does not replace a plant-specific explosion protection assessment.



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Document details

Date of issue: May 05, 2026

This manufacturer's declaration is valid until technical changes, changes to the normative basis or new test results necessitate a reassessment.

Best regards

Ocono Ruhrkunststoff GmbH

Quality assurance

A handwritten signature in black ink, appearing to be 'H. K.', written over a horizontal line.