



Rubber hose Powder Food Spiral, NBR suction & pressure hose for foodstuff 6 bar ATEX, electrically conductive; according to EC1935/2004, EU 10/2011, ISMA and BfR



Application

- Suction and delivery hose for emptying and filling silos and silo wagons
- Ideally suited for the pneumatic transport of powdered foodstuffs (e.g. milk powder, flour etc.)
- Powder Food is an antistatic hose and is therefore particularly suitable for applications where electrostatic charges may occur.
- The electrically conductive hose wall ensures that any electrostatic charges can be safely discharged. This increases the safety of your process. However, the hose and the system must be earthed.
- Recommended in: Food & Beverages

Technical Information

Temperature range

- -35 °C to +80 °C on a permanent basis
- Open-end steam cleaning up to 130 °C (max. 30 minutes)

Burst pressure

- At least 18 bar
- Safety factor 3.15:1

Construction

Inner wall

- White NBR rubber, smooth
- Suitable for use with all standard cleaning agents and disinfectants
- Antistatic $R < 10^8 \Omega$

Layers

- Cord fabric layers
- Static wire
- Completely integrated, galvanised steel coil, vacuum resistant

Outer cover

- Black CR rubber
- Smooth, fabric embossing, wear resistant
- Weather and ageing resistant
- Electrically conductive $R < 10^6 \Omega$

Execution

Marking

- Black marking with text: "RX[®] POWDER FOOD SPIRAL - SD 6 BAR Ω"

Couplings

- Depending on choice

Mounting method

- FIXXED hose clamps type HD and Power, safety clamps or crimp sleeves

Approval

Standard/approvals

- EC1935/2004 — EU 10/2011 E
- ISMA
- BfR XXI:2002 Cat. 4

Options

Complete assembly

- ERIKS can fit the Powder Food Spiral with the couplings you need.

Options

- Pressure test report
- Clearly visible laser engraving on rotatable sleeve



Internal diameter	Wall thickness	Outer diameter	Maximum operating pressure	Minimum burst pressure	Vacuum-resistance at 20 °C	Minimum bending radius	Roll length	Weight	Article
mm	mm	mm	bar	bar	%	mm	m	kg/m	
50	7.5	65	6	18	90	400	40	1.8	11263890
75	7.5	90	6	18	90	450	40	2.6	11263891
100	8	116	6	18	90	600	40	4.05	11263892
110	8	126	6	18	90	650	40	4.4	11263943
125	9	143	6	18	90	750	40	6	11263944
150	9	168	6	18	90	950	40		11263945

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