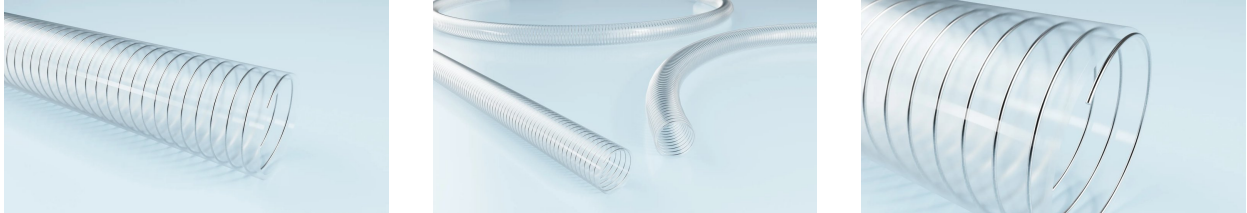


FOOD/PHARMA · II 1/2GD (interior zone 0/20, exterior zone 1/21) – antistatic per TRGS 727

BARDUC® PUR-INOX 382 FOOD-AS (XHD)

Food-grade antistatic extra-heavy-duty bulk hose with stainless steel spiral



Food-grade suction and pressure hose in polyurethane with embedded stainless steel spiral, antistatic wall ($<10^9 \Omega$) and XHD construction. Suited to high throughput of extremely abrasive food media such as flour, sugar, grain and granulates. Complies with EU 10/2011, EU 1935/2004, FDA 21 CFR 177.2600 and ATEX 2014/34/EU.

R: $<10^9 \Omega$

ATEX: Zone 0/1/2 + 20/21/22

Media: Gas, Dust, Liquid, Granulate

Temp: -40 °C to 90 °C

✓ Cut to length

APPLICATIONS

- Pneumatic conveying of flour, sugar and grain
- Animal feed transport
- Silo trucks and tank loading/unloading
- Tablet pressing and pharmaceutical production
- Dairy and bulk food handling

Technical specifications

Material	Food-grade polyurethane (PUR) with antistatic wall
Colour	Transparent
Wall construction	Extra-heavy-duty PUR wall (5 mm) with embedded stainless steel spiral
Spiral material	Stainless steel
Conveying media	Gas, Dust, Liquid, Granulate
Temperature range	-40 °C – 90 °C
Electrical resistance	<10 ⁹ Ω
ATEX classification	II 1/2GD (interior zone 0/20, exterior zone 1/21) -- antistatic per TRGS 727 ATEX 2014/34/EU (1999/92/EC) + TRGS 727
Cut to length	Yes
Manufacturer SKU	3821014

Standards and compliance

EU 10/2011, EU 1935/2004, fda-21-cfr-177-2600, ATEX 2014/34/EU, TRGS 727, gmp-ec-2023-2006, REACH, RoHS

Dimensions and ordering

The hose is supplied in 10 standard sizes from inner Ø 32.0 mm to 100.0 mm. Each size has its own article number. Standard roll length is typically 10 m, and the hose can be cut to length.

Inner Ø [mm]	Outer Ø [mm]	Wall th. [mm]	Press. DIN [bar]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
32	41	5	5.5	1	144	10	0.64	10	38200321014
38	47	5	5.5	1	171	10	0.74	10	38200381014
40	49	5	5.5	1	180	15	0.78	-	38200401014
50	59	5	5	1	225	20	0.95	10	38200501014
60	69	5	5	1	270	15	1.12	10	38200601014
65	74	5	5	1	293	15	1.21	10	38200651014
70	79	5	5	1	315	15	1.29	-	38200701014
75	84	5	5	1	338	20	1.38	10	38200751014
80	89	5	4	0.9	360	15	1.46	-	38200801014
100	112	5	4	0.8	500	15	2.45	10	38201001014

Overpressure and underpressure are recommended operating limits; products can be subjected to higher loads on request. The bend radius is measured along the inside of the hose bend.

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This datasheet is generated automatically from Particulair product data. All specifications are taken from the manufacturer's factsheet and are subject to change without notice. Prices and availability provided on request.