

ABRASION-RESISTANT · in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of combustible bulk materials and dusts (zone 20, 21, 22 inside)

SILOCORD Spezial

Reinforced SILOCORD for higher mechanical load



SILOCORD Spezial is the reinforced variant with additional textile reinforcement and increased burst pressure. For demanding industrial applications where standard SILOCORD does not provide sufficient pressure margin.

R: $<10^6 \Omega$

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

Media: Dust, Granulate

Temp: -30 °C to 80 °C

✓ Cut to length

APPLICATIONS

- Unloading and pneumatic transport of dry cement and lime
- Discharge from silo trucks of feed pellets and animal feed
- Delivery of grain, fertiliser and filler materials
- Pneumatic transport of granulate, wood pellets and pellets
- Sand and gravel handling on construction sites
- Cement and bulk shipping between cisterns and storage
- Feed handling in agriculture and the feed industry

Technical specifications

Material	SBR rubber outer, NR/SBR liner
Colour	black
Wall construction	Wrapped with textile reinforcement
Spiral material	Textile reinforcement
Conveying media	Dust, Granulate
Temperature range	-30 °C – 80 °C
Short-term peak	80 °C
Electrical resistance	<10 ⁶ Ω
ATEX classification	in accordance with ATEX 2014/34/EU (1999/92/EC) and German TRGS 727: pneumatic transport of combustible bulk materials and dusts (zone 20, 21, 22 inside) ATEX 2014/34/EU (1999/92/EC) + TRGS 727
Cut to length	Yes
Manufacturer SKU	3540

Standards and compliance

iso-4649, en-iso-1307, ATEX 2014/34/EU, TRGS 727, iso-8031, REACH, RoHS

Dimensions and ordering

The hose is supplied in 2 standard sizes from inner Ø 76.0 mm to 102.0 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]	Burst [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
76	98	11	10	30	760	40	3.44	40	3542076098
102	126	12	10	30	1.02	20	4.85	20	3542102126

Fields without a value (em-dash) are not specified in the manufacturer's factsheet. Pressure values are recommended operating limits. Bend radius is measured along the inside of the hose bend.

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Contact and advisory

Particulair

Højtoften 12
2690 Karlslunde, Denmark
CVR: 34129894

Phone: (+45) 70 23 12 03
E-mail: sales@particulair.com
Web: particulair.eu

Product page: particulair.eu/flexcore/en/abrasive/silocord-spezial/

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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.