

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 SP

Reinforced SILOCORD with extra-thick wall



SILOCORD Spezial SP is the top-spec variant with both textile reinforcement and an extra-thick wall (SP). Used in combined high pressure and high abrasive load -- typically industrial cement transport or specialist silos.

**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

<b>Material</b>	SBR rubber outer, NR/SBR liner
<b>Colour</b>	black
<b>Wall construction</b>	Wrapped with textile reinforcement (Special wall)
<b>Spiral material</b>	Textile reinforcement
<b>Conveying media</b>	Dust, Granulate
<b>Temperature range</b>	-30 °C – 80 °C
<b>Short-term peak</b>	80 °C
<b>Electrical resistance</b>	<10 <sup>6</sup> Ω
<b>ATEX classification</b>	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
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3544

### 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 3 standard sizes from inner Ø 76.0 mm to 152.0 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]	Vacuum axial [bar]	Bend rad. [mm]	Max len. [m]	Weight [kg/m]	Roll [m]	Article no.
76	98	11	10	30	0.8	310	40	4.07	40	3544076098
102	126	12	10	30	0.8	410	20	5.9	20	3544102126
152	173	10.5	10	30	0.8	760	20	8.99	20	3544152173

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

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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.