

ABRASION-RESISTANT

BETONCORD®/40

Abrasion-resistant concrete injection hose — 40 bar pressure class, for mortar and wet-abrasive media



Abrasion-resistant concrete injection hose for mortar and wet-abrasive media in construction and mining. SBR/NR inner tube with 70 mm^3 ISO 4649 abrasion value (high wear resistance) and PN 40 bar working pressure. Antistatic outer cover ($<10^9 \Omega$) and fully conductive core ($<10^6 \Omega$) — suitable for pump installations where static dissipation is necessary.

R: $<10^6 \Omega$

Media: Liquid

Temp: -20 °C to 60 °C

✓ Cut to length

APPLICATIONS

- Concrete pumping and mortar transport on construction sites
- Wet-abrasive media in tunnel construction
- Mining applications with abrasive wet media
- Hose pumps with concrete injection
- Industrial pumping of cement and sand mixtures

Technical specifications

Material	Inner tube: SBR/NR. Outer cover: SBR
Colour	Black
Wall construction	Smooth interior, wrapped outer cover, textile plies
Spiral material	textile plies
Conveying media	Liquid
Temperature range	-20 °C – 60 °C
Short-term peak	60 °C
Electrical resistance	<10 ⁶ Ω
Cut to length	Yes
Manufacturer SKU	3520

Standards and compliance

iso-4649, en-iso-1307, REACH, RoHS

Dimensions and ordering

The hose is supplied in 5 standard sizes from inner Ø 25.0 mm to 63.5 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.
25	39	7	40	120	250	40	0.84	40	3520025000
35	49	7	40	120	350	40	1.15	40	3520035000
38	54	8	40	120	380	40	1.48	40	3520038000
50	68	9	40	120	500	40	1.95	40	3520050000
63.5	85.5	11	40	120	650	40	2.92	40	3520063000

Fields without a value (—) are not specified in the manufacturer's factsheet. Overpressure and underpressure values are recommended operating limits; the product can be subjected to higher loads on request. Bend radius is measured along the inside of the hose bend.

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