

## ABRASION-RESISTANT

# TURBOCORD

Heavy-duty sandblasting hose, abrasion 60-70 mm<sup>3</sup>, conductive, 12 bar PN



TURBOCORD is a specialised sandblasting hose with extruded extreme-wear-resistant inner lining. Wear resistance is confirmed with abrasion value 60-70 mm<sup>3</sup> per ISO 4649 - one of the industry's best ratings. 12 bar working pressure (PN) and 36 bar burst pressure (3x safety factor) make the hose suitable for high-pressure sandblasting of quartz sand, corundum and glass. Conductive inner lining (below 10<sup>6</sup> ohm) + antistatic outer coating (below 10<sup>9</sup> ohm) provide ATEX zone 22 suitability - a mandatory safety property in sandblasting applications where particle flow generates static electricity.

**R:** <10<sup>6</sup> Ω

**Temp:** -30 °C to 80 °C

✓ Cut to length

## APPLICATIONS

- Sandblasting of industrial steel and metal surfaces
- Corundum sandblasting for specialised surface processing
- Glass particle handling in industry
- High-pressure cleaning with abrasive injection systems
- Sand and granulate transport in high-pressure pump applications
- ATEX zone 22-suitable sandblasting installations

## Technical specifications

<b>Material</b>	NR/SBR (natural rubber/styrene-butadiene rubber) extruded inner lining, SBR outer coating
<b>Colour</b>	black
<b>Wall construction</b>	Extruded smooth NR/SBR inner tube, wrapped SBR outer coating with textile plies
<b>Spiral material</b>	Tekstil-plyes
<b>Temperature range</b>	-30 °C – 80 °C
<b>Short-term peak</b>	80 °C
<b>Electrical resistance</b>	$<10^6 \Omega$
<b>Cut to length</b>	Yes
<b>Manufacturer SKU</b>	3500

### Standards and compliance

ISO 4649 (abrasion test), ISO 8031 (electrical resistance), EN ISO 1307:2008, REACH, RoHS

## Dimensions and ordering

The hose is supplied in 7 standard sizes from inner Ø 13.0 mm to 50.0 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.
13	27	7	12	36	130	40	0.575	40	3500013027
19	33	7	12	36	190	40	0.75	40	3500019033
25	39	7	12	36	250	40	0.84	40	3500025039
32	48	8	12	36	320	40	1.1	40	3500032048
38	55	8.5	12	36	380	40	1.45	40	3500038054
42	60	9	12	36	420	40	1.7	40	3500042060
50	70	10	12	36	500	40	2.15	40	3500050070

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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## Contact and advisory

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