

PERFORMER AL EC



MINING & QUARRIES

Abrasive materials hydraulic and pneumatic handling



APPLICATIONS

Extraction and transport hose for bulk abrasive products for the food industry (sugar, grains, flour, milk powder, cattle feed, etc.) and chemicals (PVC, dry stuffs, etc.).

ADVANTAGES

- Can be used in ATEX areas: 0, 1, 2 and 20, 21, 22.
- Non-marking, abrasion resistant cover.
- Conductive tube and cover considerably extend service life especially for transfer at high speeds.

TECHNICAL DESCRIPTION

Inner tube: foodgrade abrasion resistant NBR, white, smooth.

Reinforcement: synthetic textile with embedded steel helix.

Cover: wear and weather resistant NBR/PVC, green, corrugated.

Temperature range: -10 °C to +80 °C.

Electrical properties: conductive tube and cover, R<100MΩ/Ig, helix must be connected with couplings.



STANDARD/APPROVAL

EU regulations No. 1935/2004, 2023/2006.



FDA regulation No. 21 CFR 177.2600.



French legislation.



All relevant migrations tests (France and FDA) were performed by the French institute of Poitiers (IANESCO) and confirmed compliant.

COUPLINGS/FITTINGS

Hoses are fitted with BLOC-END® and must be used to the following maximum working pressure: 10bar.



and embossed: week/year

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ID mm	OD mm	TUBE THICKNESS mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	MAX. VACUUM bar	BENDING RADIUS mm	WEIGHT kg/m	MAX. LENGTH m	ARTICLE NUMBER	STOCK () or min. order m
50.0	83.0 ±2	8.5	10	30	0.9	150	4.2	20	5513164	1
65.0	98.0 ±2	8.5	10	30	0.9	200	5.41	20	5513165	1
80.0	113.0 ±2	8.5	10	30	0.9	240	6.7	20	5513166	1
100.0	133.0 ±2	8.5	10	30	0.9	300	7.49	20	5513167	1
125.0	158.0 ±2	8.5	10	30	0.9	500	9.13	20	5513168	1
150.0	183.0 ±2	8.5	10	30	0.9	600	10.69	20	5513169	1

Tolerance on length: ±1% (ISO 1307 Standard).

**TRELLEBORG**