

# PERFORMER CERAMIC



## MINING & QUARRIES

Abrasive materials hydraulic and pneumatic handling



### APPLICATIONS

Hydraulic suction or discharge of highly abrasive material.

### ADVANTAGES

- | At least 10 times longer lifespan compared to a rubber hose.
- | 4 to 5 times more flexible than market standard ceramic hoses.
- | Quick and easy installation:
  - | Hoses can be cut to length on site without specific toolings.
  - | Very easy BLOC-END® coupling installation.
  - | 30 to 60% lighter weight compared to market standard ceramic hoses.

### TECHNICAL DESCRIPTION

Inner tube: Al2O3,92% ceramic tiles embedded into a NR tube, black.

Reinforcement: synthetic textile with embedded steel helix.

Cover: weather resistant EPDM, black, corrugated, fabric impression.

Temperature range: -30 °C to +70 °C.

### COUPLINGS/FITTINGS

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

ID ≤ 150mm: 10bar,

ID > 150mm:

10bar for static application (no hose movement, no water hammer, no traction) and/or temperature max < 40 °C, 5bar for dynamic application and/or temperature > 40 °C.

### COMPLEMENTARY INFORMATION

Hoses are manufactured and delivered in custom length.



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ID mm	OD 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
40.0	73.0 ±2	10	30	0.9	150	3.97	10	5607456	10
50.0	83.0 ±2	10	30	0.9	200	4.8	10	5606036	10
65.0	98.0 ±2	10	30	0.9	300	5.8	10	5606037	∞
80.0	113.0 ±2	10	30	0.9	350	6.7	10	5606038	∞
100.0	133.0 ±2	10	30	0.9	400	8.2	10	5606039	10
125.0	158.0 ±2	10	30	0.9	600	10.1	10	5606040	∞
150.0	183.0 ±2	10	30	0.9	700	11.9	10	5606041	∞
200.0	234.5 ±2	10	30	0.9	1300	16.7	10	5606042	∞
250.0	285.5 ±2	10	30	0.9	1750	22.62	12	5607356	∞
300.0	340.5 ±2	10	30	0.9	2400	31.5	12	5606354	∞
350.0	391.0 ±3	10	30	0.9	3150	39.05	12	5606201	∞
400.0	441.0 ±3	10	30	0.9	4000	43.6	12	5607457	1

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

∞ Upon availability.

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