

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.

COUPLING/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.

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.
Working temperature	-30°C => +70°C.
Special Properties	Max. vacuum: 0.9 bar.





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ID (MM)	OD (MM)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
40.0	73.0	10	30	150	3.97	10.0	5607456
50.0	83.0	10	30	200	4.80	10.0	5606036
65.0	98.0	10	30	300	5.80	10.0	5606037
80.0	113.0	10	30	350	6.70	10.0	5606038
100.0	133.0	10	30	400	8.20	10.0	5606039
125.0	158.0	10	30	600	10.10	10.0	5606040
150.0	183.0	10	30	700	11.90	10.0	5606041
200.0	234.5	10	30	1300	16.70	10.0	5606042
250.0	285.5	10	30	1750	22.62	12.0	5607356
300.0	340.5	10	30	2400	31.50	12.0	5606354
350.0	391.0	10	30	3150	39.05	12.0	5606201
400.0	441.0	10	30	4000	43.60	12.0	5607457

Tolerance on length: $\pm 1\%$ (ISO 1307 Standard).

